



**STATE OF MONTANA**  
**DEPARTMENT OF ADMINISTRATION**  
**ARCHITECTURE AND ENGINEERING DIVISION**  
1520 East Sixth Avenue • P.O. Box 200103 • Helena MT 59620-0103  
Phone: 406 444-3104 • Fax: 406 444-3399

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**INVITATION TO PURCHASE STATE OF MONTANA PERSONAL  
PROPERTY AT PUBLIC SEALED-BID AUCTION AND GENERAL TERMS  
AND CONDITIONS**

The State of Montana, Department of Administration (DOA), Architecture and Engineering Division (A&E), offers a building in Lewis and Clark County (the "Building") for sale at public sealed-bid auction. Information and bid packages are available on the A&E website at: [Bids/RFQ/RFP \(mt.gov\)](#). The Building consists of the buildings, structures, improvements, and fixtures only and does not include the land or other real property interests. The street address for the Building is 1400 8<sup>th</sup> Ave., Helena, Montana.

For more information, please contact A&E, 406-444-3104, or by email at [DOAAEDivision@mt.gov](mailto:DOAAEDivision@mt.gov).

**RELOCATION OF BUILDING**

Relocation is only allowed; demolition or salvage of materials is not allowed. Buyer is required to relocate the Building, after execution of the Buy-Sell Agreement, from its current location between June 1, 2022 and June 30, 2022 and in no instance later than June 30, 2022 ("Removal Deadline"). Buyer is responsible for all costs and permitting associated with or related to the relocation of the Building, including but not limited to the cost of disconnecting the Building from the foundation. Prior to closing the sale, Seller is responsible for disconnecting the Building from the utilities that served it. Damages will be assessed if Removal Deadline is not met, noted in section 4 of the Buy-Sell Agreement.

**SITE INSPECTION & OPEN HOUSES**

The Building will be sold "AS IS", meaning it will be sold in its present condition. The buyer purchases Building without any recourse against the State for its conditions or faults, whether the faults are apparent or not. Interested parties are strongly encouraged to do an on-site inspection of the Building prior to submitting an Offer to Purchase. There will be two open houses when the Building and all improvements will be open to viewing by the general public. *The open houses are scheduled on April 5, 2022 and April 12, 2022 between the hours of 1 p.m. and 2 p.m.*

**RESERVATION OF REAL PROPERTY, MINERAL, AND WATER RIGHTS**

All real property, mineral, water and access rights, including but not limited to rights described in MCA §77-2-304 shall be reserved from sale.

**BID DATE, TIME & LOCATION**

- April 21, 2022 at 2 p.m.
- State of MT, Department of Administration, Architecture and Engineering Division Office located at 1520 East 6<sup>th</sup> Ave, Helena, MT.

### TERMS OF THE SEALED-BID AUCTION

A Bid Deposit of \$7,500.00, must be submitted to DOA with a completed Offer to Purchase by April 21, 2022 at 2 p.m. The Bid Deposit of the Buyer will be applied to the purchase price. The entire balance of the purchase price, along with the improvements cost, processing costs and Buyer's share of the closing costs must be paid in full on the Closing Date. DOA will set a Closing Date that is mutually agreeable to the purchaser and DOA. If the Buyer fails to pay all amounts due on the closing date, the entire Bid Deposit will be forfeited to DOA without any further action required by DOA. All unsuccessful Bid Deposits will be returned to the submitter within fifteen (15) days of the auction date.

### BID DEPOSIT

A Bid Deposit in the amount of \$7,500.00 is required in the form of a cashier's check or other certified funds drawn on any Montana bank, made payable to the Department of Administration. **Do Not Send a Personal Check.** Each Offer to Purchase and Bid Deposit Receipt must be made on the form available on the DOA A&E website.

### QUALIFIED BIDDERS

All persons must be at least 18 years of age to participate in the auction. Bids made by public employees must comply with the Standards of Conduct set forth in Title 2, Chapter 2, M.C.A. Pursuant to M.C.A. §77-1-113 State employees may be disqualified from participation in the auction. All Bidders who plan to obtain financing to purchase the Building will be required to provide a prequalification letter from a mortgage broker or lending institution for at least the bid amount plus the value of the improvements. All other Bidders will have to provide proof of funds showing cash deposits equal to at least the bid amount and bid deposit.

### DEADLINE TO SUBMIT BID DEPOSIT

**The "Offer to Purchase and Bid Deposit Receipt" form and a Bid Deposit of \$7,500.00**, along with either a prequalification letter or proof of funds, must be received by the Department of Administration, with the bid no later than **2:00 p.m. April 21, 2022**. Bids and Bid Deposits received after the bid deposit deadline will not be considered. Incomplete, unsigned and or not dated Offer to Purchase and Bid Deposit Receipt forms will be disqualified. Offers submitted without the sufficient Bid Deposit will be disqualified.

### AUCTION PARTICIPANTS

Only those individuals who submit a complete Offer to Purchase and Bid Deposit Receipt will be allowed to participate in the auction.

### SALE PROCEDURE

On the day of the sale, DOA staff will open public sealed bids for auction for the sale of the Building. All qualified bidders must appear in person or be represented by a legal representative at the auction to present an oral bid. Only qualified bidders will be allowed to bid. Bidders will provide a lump sum bid in a sealed envelope. If there are multiple qualified bidders, the highest bid will be awarded. At the close of the auction, the highest bidder shall execute a Buy-Sell Agreement with DOA for the purchase and sale of the Building, the form of which is included with this bid package and can be viewed on the A&E website.

### CLOSING

DOA will set a closing date that is mutually agreeable to both parties provided that such date shall be within thirty (30) days of bid opening. The balance of the purchase price for the Building must be paid in full at the closing in the form of a cashier's check or other certified funds drawn on a Montana bank, and made payable to State of Montana.

### REAL PROPERTY TAXES

The State of Montana is exempt from paying real property taxes.

### CONVEYANCE

Title to the Building shall be delivered by Bill of Sale.

### CONDITIONS

DOA reserves the right to postpone or cancel this offering, in whole or in part, to change the minimum price of the Building, or to withdraw Building from this sale at any time prior to the sale, without notice. DOA shall not be liable for any expenses incurred by any parties participating in this sale as a result of, but not limited to, a change in the minimum price, or withdrawal of the Building from sale.



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## Offer to Purchase and Bid Deposit Receipt

**Sale #: 25-14-01**

The undersigned Potential Bidder (hereinafter called "Bidder"):

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Please print **name(s)** and **address** exactly as you would like title conveyed on the Bill of Sale

**Bidder(s)** offer(s) to purchase from the State of Montana, by and through the Montana Department of Administration (hereafter referred to as "State") the property described below upon the terms and conditions set forth herein should the Bidder's offer be accepted by the State. Bidder offers to purchase the following described personal property more particularly described as follows:

All buildings, structures, improvements, and fixtures of any kind ("Building") located within the boundaries of the parcel whose street address is 1400 8<sup>th</sup> Ave., Helena, Lewis and Clark County, Montana, excluding therefrom all real property, mineral rights, water rights, and all other real property interests and rights. For the sake of clarity, only the real property consisting solely of the Building structure itself, the personal property within the Building, and any fixtures attached to the Building located at 1400 8<sup>th</sup> Ave., Helena, MT are hereby sold to the Buyer, and the Buyer receives no interest in the land or other real property upon which the Building sits. Seller will retain the land and all other real property interests at 1400 8<sup>th</sup> Ave., Helena, MT, and no real property rights or interest of any kind shall transfer to Buyer.

**Amount of Bid Deposit Enclosed \$ \_\_\_\_\_ (Bid Deposit) Due Date: April 21, 2022 at 2 p.m.**

Should the State accept the bid of the above-described Bidder at the designated public sealed-bid auction for the purchase of the above-described property, the State, and the Bidder, hereby agree that:

1. Bids submitted are for the purchase of the Building only. Bidder will be required to sign a Buy-Sell Agreement after sealed bid opening, the form of which should be reviewed prior to submitting this Bid Deposit. A sample copy of the Buy-Sell Agreement will be included in all bid packages.
2. Property is the Building itself and does not include land. Buyer is required to relocate the Building, after execution of the Buy-Sell Agreement, from its current location between June 1, 2022 and June 30, 2022, and in no instance later than June 30, 2022 ("Removal Deadline"). Relocation is only allowed; demolition or salvage of materials is not allowed.
3. Bidder shall pay the balance owed on the purchase price of the property on or before the closing date which is mutually agreeable to both parties provided that such date shall be within thirty (30) days of bid opening. Receipt by the State of the any balance owed above the deposit constitutes the effective date of sale which shall be the Closing Date. If the payment due is not made on the Closing Date, Bidder forfeits their entire Bid Deposit, which is being held by the State. Bidder shall submit proof of funds or a prequalification letter with the Bid Deposit. If the deposit is greater than the bid amount, the Seller will retain the bid amount from the deposit and refund the difference after Closing.
4. The State is exempt from paying real property taxes.
5. Bidder represents if acting on behalf of a corporation, partnership, or other non-human entity, that he/she is duly authorized to enter into this Agreement on behalf of such entity.
6. The State shall retain the Bid Deposit of the successful bidder, which will be applied toward the purchase price. The State shall return the Bid Deposits of all unsuccessful bidders within 15 business days following the Closing.
7. The Building shall be sold "AS IS", without representations or warranties of any kind. Construction activities for the Montana Heritage Center are presently scheduled to occur on the



Building site commencing July 1, 2022. Should the Buyer fail to remove the Building either within the stated timeline or the Removal Deadline, the DOA may, at its sole discretion may:

- Invalidate the Closing and Sale, retain the bid amount and deposit up to \$7,500.00, and retain full ownership and possession of the Building, at which time it will be demolished.

8. Other Conditions: This offer to purchase and Bid Deposit receipt is subject to the terms and conditions set forth in the Invitation To Purchase and the Buy-Sell Agreement.

The Bidder hereby verifies that they have read and understood the provisions of this agreement.

_____	_____	_____
Bidder Signature	Tax ID Number	Date

_____	_____	_____
Bidder Signature	Tax ID Number	Date

State of Montana

County of \_\_\_\_\_

Signed and acknowledged before me on \_\_\_\_\_ by \_\_\_\_\_.

(NOTARIAL SEAL)

\_\_\_\_\_

## ***RECEIPT***

### **DEPARTMENT OF ADMINISTRATION**

Seller's Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

\_\_\_\_\_

Date

Title: \_\_\_\_\_



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**Buy-Sell Agreement for the Sale and Purchase of Personal Property Consisting  
of the Building Located at 1400 8<sup>th</sup> Ave., Helena, MT**

This Buy-Sell Agreement (the "Agreement") is made effective this \_\_\_\_\_ day of \_\_\_\_\_, 2022, by and between the State of Montana, Department of Administration, by and through the Architecture and Engineering Division, P.O. Box 200103, Helena, MT 59620-0103, (the "Seller") and \_\_\_\_\_, whose mailing address is \_\_\_\_\_, (the "Buyer"), for the purchase and sale of that certain personal property more particularly described as follows:

All buildings, structures, improvements, and fixtures of any kind ("Building") located within the boundaries of the parcel whose street address is 1400 8<sup>th</sup> Ave., Helena, Lewis and Clark County, Montana, excluding therefrom all real property, mineral rights, water rights, and all other real property interests and rights. For the sake of clarity, only the real property consisting solely of the Building structure itself, the personal property within the Building, and any fixtures attached to the Building located at 1400 8<sup>th</sup> Ave., Helena, MT are hereby sold to the Buyer, and the Buyer receives no interest in the land or other real property upon which the Building sits. Seller will retain the land and all other real property interests at 1400 8<sup>th</sup> Ave., Helena, MT, and no real property rights or interest of any kind shall transfer to Buyer.

The structure and fixtures within the structure located at 1400 8<sup>th</sup> Ave., Helena, Montana, may be referred to collectively as the "Building". The Building will be transferred to Buyer via signed Bill of Sale as set forth below.

1. **PURCHASE PRICE & PAYMENT.** The total Purchase Price for the Building is the amount of the successful bid for the Building at public sealed-bid, which amount shall be paid to Seller in cash or other readily available funds at closing.
  - a. **Lump Sum Bid.** Buyer will provide a lump sum bid in a sealed envelope delivered to the State of Montana, Department of Administration, Architecture and Engineering Division at 1520 East 6<sup>th</sup> Ave, Helena, MT. Bids are due April 21, 2022, at 2 p.m. Highest bidder will be awarded.
  - b. **Deposit.** Buyer has deposited the amount of \$7,500.00 with Seller, which Seller acknowledges has been paid and will be considered part of the purchase price. If the deposit is greater than the bid amount, the Seller will retain the bid amount from the deposit and refund the difference after Closing.
2. **CLOSING.** The sale shall be closed in the office of the Architecture & Engineering Division, unless otherwise agreed in writing by the parties. At closing, Buyer and Seller shall execute all instruments, documents, and monies necessary to complete the sale in accordance with this Agreement. As used herein, "closing" or "closing date" means the date of which all appropriate documents are fully executed and delivered as provided herein or in said document(s). Closing is anticipated to be within thirty (30) calendar days of the bid opening.
  - a. **Broker or Attorney Fees.** All parties shall be responsible to pay their own broker, realtor, and attorney fees, if applicable.
  - b. **Possession.** Buyer shall be entitled to possession of the Building upon execution by both

parties of the Bill of Sale and this Agreement.

3. **OBLIGATION TO REMOVE.** Buyer is required to relocate Building after execution of the Buy-Sell Agreement, from its current location between June 1, 2022 and June 30, 2022 and in no instance later June 30, 2022 ("Removal Deadline"). Relocation is only allowed; demolition or salvage of materials is not allowed. Buyer shall provide Seller at least five business days' notice of the date(s) on which the Buyer plans to move the Building. Buyer is responsible for all costs and permitting associated with or related to the removal and moving of the Building, including but not limited to the cost of disconnecting the Building from the foundation. Prior to closing the sale, Seller is responsible for disconnecting the Building from the utilities that served it. Damages will be assessed if Removal Deadline is not met, noted in section 4 of the Buy-Sell Agreement. Buyer may coordinate and gain access to the Building with Sletten Construction after Closing occurs.
4. **DAMAGES.** Construction activities for the Montana Heritage Center are presently scheduled to occur on the Building site commencing July 1, 2022. Should the Buyer fail to remove the Building either within the stated timeline or by the Removal Deadline, the DOA, at its sole discretion, may:
  - a. Invalidate the Closing and Sale, retain the bid amount and deposit up to \$7,500.00, and retain full ownership and possession of the Building, at which time it will be demolished.
5. **CONVEYANCE OF TITLE.** Upon closing, Seller shall execute and deliver to Buyer a Bill of Sale executed by the current owner of the Building in form of Exhibit B, attached hereto.
6. **RISK OF LOSS.** The party in possession of the Building as determined by the date of execution of the Bill of Sale and this Agreement shall be liable for and assume all risk of loss to the Building, provided that Buyer is also responsible for any loss during the process of detaching, removing, or moving the Building from the foundation and the land on which the Building was located. Buyer is also liable for and assumes all risk for any loss after removal from the property.
7. **SELLER'S REPRESENTATIONS AND WARRANTIES.** There are no representations or warranties of any kind. Buyer is acquiring the Building "AS IS".
8. **CONDITION OF PROPERTY.** Buyer acknowledges that Buyer was and is responsible for making a thorough inspection of the Building at its own expense, as well as thoroughly researching any information available about the Building and the permitting, removal, and moving process prior to the date of this Agreement. Prior to signing this Agreement, Buyer acknowledges that Buyer or its designee was afforded the right to have an inspection(s) of the physical condition of the Building at Buyer's expense. This Agreement is NOT contingent upon an inspection by the Buyer. Buyer is purchasing the Building on an "AS IS" basis without any warranties, express or implied, from Seller. Seller will not make any repair or improvement to the Building. Buyer further acknowledges that Buyer is not relying upon any statement or representation by Seller or any other representatives of Seller which are not expressly set forth in this agreement.

BUYER ACKNOWLEDGES AND AGREES THAT BUYER HAS BEEN INFORMED AND UNDERSTANDS THAT SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO ANY ASPECT, IMPROVEMENT, FIXTURE, OR CONDITION OF THE BUILDING OR THE INCLUSIONS, INCLUDING, WITHOUT LIMITATION, THE EXISTENCE OF HAZARDOUS WASTE OR MATERIALS THEREIN, OR THE SUITABILITY OF THE BUILDING FOR THE BUYER'S INTENDED USE, TO BUYER BEYOND THOSE EXPRESSLY PROVIDED FOR IN THIS AGREEMENT.

9. **SELLER'S LEAD-BASED DISCLOSURE.** Pursuant to the Residential Lead-Based Paint Hazard Reduction Act of 1992 [42 USC §4852d] to the extent the Building is a dwelling built prior to 1978, the buyer is notified that such Building may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence

quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. For such reasons, the U.S. government recommends the buyer obtain a risk assessment or inspection for lead-based paint hazards of any residential dwelling was built prior to 1978. To the extent the Building constitutes a residential dwelling built prior to 1978:

- a. **Buyer's Acknowledgement of Lead-Based Hazards.** The Buyer's execution of this instrument constitutes buyer's acknowledgement that the Buyer is aware of the above hazards and recommendation for a risk assessment and inspection; and
- b. **Seller's Disclosure of All Known Lead-Based Hazards.** The Seller's execution of this instrument constitutes Seller's representation the Seller has no knowledge of any lead-based paint hazards and has no possession of any information, risk assessment, or inspections regarding the same, unless attached to or incorporated by this instrument; and if the Seller should become aware of the same at any time before the closing date, the Seller will provide the Buyer copies of the same.

10. **ASBESTOS ABATEMENT.** Report received on March 17, 2020 indicates there is no asbestos in the Building, and in any case, the Buyer is acquiring the Building as-is. Report attached.

11. **CHOICE OF LAW AND VENUE.** This Agreement will be governed and interpreted according to Montana law. Any litigation concerning this Agreement will be brought in the First Judicial District in and for the County of Lewis and Clark, State of Montana. Each party shall pay its own costs and attorney fees, except as otherwise stated in this Agreement. (18-1-401, MCA)

## 12. INDEMNIFICATION.

- a. **Obligation to Indemnify State.** Buyer shall indemnify the State of Montana and the contracting agency or division hereunder, its officials, employees, agents (collectively, Indemnitees) against losses, liabilities, damages, judgments, settlements, penalties, fines, attorney/expert fees, expenses, or fees, including the reasonable cost of investigation, defense, settlement, accounting, reporting and any advance of an expense or fee (collectively, Claims).
- b. **Duty to Defend.** Buyer, at its sole cost and expense, shall defend Indemnitees from and against all Claims asserted or filed against Indemnitees by Buyer's or its contractor(s)' agents or employees or by a third party relating to personal injury, death, damage to property, or financial loss or other obligation arising out of or in connection with Buyer's duties under this agreement or in any way resulting from the acts or omission of Buyer, and/or its agents, employees, representatives, assigns, and subcontractors, except where such loss or damage was caused by the sole negligence of Seller
- c. **Notice of Claim.** Seller shall give Buyer prompt notice of any Claim, and at Buyer's expense, Seller shall cooperate in the defense of the matter.
- d. **State Reimbursement.** If Buyer fails to comply with its obligations as the indemnitor under this section, Seller may undertake its own defense. If Seller undertakes its own defense, Buyer shall reimburse Seller for all reasonable costs to Seller resulting from settlements, judgments, losses, damages, liabilities, and penalties and for all the costs of defense incurred by Seller including but not limited to attorney fees, investigation, discovery, experts, and court costs.

## 13. INSURANCE

- a. **General Requirements.** Any person, contractor, or subcontractor performing work on behalf of Buyer shall maintain throughout this agreement, at its cost and expense, insurance against claims for injuries to persons or damages to property, including contractual liability, which may arise from or in connection with the performance of the work. This insurance shall cover such claims as may be caused by any negligent act or omission of any person, contractor, or subcontractor performing work on behalf of Buyer. Buyer shall require and verify that all contractors maintain insurance meeting the requirements in this Section 12.
- b. **Primary Insurance.** Insurance coverage shall be primary insurance with respect to State, its

officers, officials, employees, and volunteers and shall apply separately to each project or location. Any insurance or self-insurance maintained by State, its officers, officials, employees, or volunteers shall be excess of Buyer's and Buyer's contractors' insurance and shall not contribute with it.

- c. **Deductibles and Self-Insured Retentions.** Any deductible or self-insured retention must be declared to and approved by State.
- d. **Certificate of Insurance/Endorsements.** Prior to closing, certificates of insurance from an insurer with a Best's rating of no less than A- indicating compliance with the required coverages must be submitted to the Seller. The certificates must name the State of Montana as certificate holder and Buyer shall provide copies of additional insured endorsements required by Buyer's or Buyer's contractors' commercial general liability and automobile liability policies. Buyer must notify State promptly of any material change in insurance coverage, such as changes in limits, coverages, change in status of policy, etc. State may request a copy of the policy declarations and endorsement page of Buyer's or Buyer's contractors' insurance policies.
- e. **Commercial General Liability.** Any person, contractor, or subcontractor performing work on behalf of Buyer shall purchase and maintain occurrence coverage with combined single limits for bodily injury, personal injury, and property damage of at least 2 million per occurrence and 2 million in the aggregate per year to cover such claims as may be caused by any act, omission, or negligence of Buyer or its officers, agents, representatives, assigns, contractors or subcontractors. State, its officers, officials, employees, and volunteers are to be covered and listed as additional insureds for liability arising out of activities performed by or on behalf of Buyer.
- f. **Workers Compensation Insurance.** Any person, contractor, or subcontractor performing work on behalf of Buyer shall purchase and maintain workers compensation insurance to the extent required in Montana. Upon request, Buyer shall provide evidence of workers compensation insurance. If Buyer is not required by law to have workers compensation insurance, Buyer must provide written confirmation of the same from the appropriate regulatory agency. Neither Buyer nor its employees, contractors, or contractors' employees are State employees.
- g. **Specific Requirements for Automobile Liability.** Any person, contractor, or subcontractor performing work on behalf of Buyer shall purchase and maintain coverage with split limits of \$500,000 per person (personal injury), \$1,000,000 per accident occurrence (personal injury), and \$100,000 per accident occurrence (property damage), OR combined single limits of \$1,000,000 per occurrence to cover such claims as may be caused by any act, omission, or negligence of Buyer or its officers, agents, representatives, assigns, or subcontractors. State, its officers, officials, employees, and volunteers are to be covered and listed as additional insureds for automobiles leased, owned, or borrowed by Buyer.

14. **DEFAULT.** Time is of the essence of this Agreement. If Seller defaults hereunder, Buyer shall be entitled to a refund or return of any Deposit and other costs/fees paid to Seller pursuant to this Agreement and Seller shall have no further obligation to Buyer hereunder. If Buyer defaults, the Deposit and all costs/fees paid by Buyer shall be forfeited to Seller as liquidated damages and upon the forfeiture thereof to Seller, Buyer shall have no further obligation or liability hereunder.

15. **NOTICES.** Any notice under this Agreement shall be in writing and be delivered in person or by public or private courier service (including U.S. Postal Service Express Mail) or certified mail. Any notice given by certified mail shall be sent with return receipt requested. All notices shall be addressed to the parties at the addresses set forth in this Agreement, or at such other addresses as the parties may from time to time direct in writing. Any notices shall be deemed given on the earlier of: (a) actual delivery or refusal, or (b) 3 days after mailing by certified mail.

16. **NON-ASSIGNABILITY & SURVIVABILITY OF OBLIGATIONS.** This Agreement may not be assigned without the written consent of both parties. Seller does not at this time anticipate consenting to any assignment of this Agreement or Buyer's rights hereunder. But if so assigned, each transferee shall be obligated under this Agreement in the same manner as its transferor and each transferor shall remain liable for it unless specifically stated otherwise in writing.

**17. INTEGRATIONS & MODIFICATIONS.** This Agreement constitutes the whole agreement between the parties. Except as identified in this Agreement, there are no other prior written agreements and no prior or contemporaneous oral agreements that are a part of this Agreement. No Modification to this Agreement shall be valid, unless in writing and executed by both parties.

**18. EFFECTIVE DATE.** This Agreement shall be binding on the execution date, which is the date the last required party executes it.

#### **BUYER'S SIGNATURES**

Buyer's Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

\_\_\_\_\_  
Date

Buyer's Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

\_\_\_\_\_  
Date

#### **DEPARTMENT OF ADMINISTRATION**

Seller's Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

\_\_\_\_\_  
Date

Title: \_\_\_\_\_



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## Bill of Sale

**After recording, please return to:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BE IT KNOWN, that for good and valuable consideration, and upon payment to Seller of the sum of \$\_\_\_\_\_, which Seller hereby accepts as payment in full for the below-described Building, by \_\_\_\_\_ whose mailing address is \_\_\_\_\_ ("Seller") to \_\_\_\_\_ whose mailing address is \_\_\_\_\_ ("Buyer"), Seller does hereby grant, sell, assign, transfer, convey, set over and deliver, the following described Building to Buyer effective as of \_\_\_\_\_, 2022:

All buildings, structures, improvements, and fixtures of any kind ("Building") located within the boundaries of the parcel whose street address is 1400 8<sup>th</sup> Ave., Helena, Lewis and Clark County, Montana, excluding therefrom all real property, mineral rights, water rights, and all other real property interests and rights. For the sake of clarity, only the real property consisting of the Building structure itself, the personal property within the Building, and any fixtures attached to the Building located at 1400 8<sup>th</sup> Ave., Helena, MT are hereby sold to the Buyer, and the Buyer receives no interest in the land or other real property upon which the Building sits. Seller will retain the land and all other real property interests at 1400 8<sup>th</sup> Ave., Helena, MT, and no real property rights or interest of any kind shall transfer to Buyer.

Seller hereby sells and transfers the Building to Buyer "AS IS". Buyer is required to relocate the Building, after execution of the Buy-Sell Agreement, from its current location between June 1, 2022 and June 30, 2022 and in no instance later than June 30, 2022 ("Removal Deadline"). Relocation is only allowed; demolition or salvage of materials is not allowed. Buyer is responsible for all costs associated with or related to the removal and moving of the Building, including but not limited to the cost of disconnecting the Building from the foundation. Damages will be assessed as noted in section 4 of the Buy-Sell Agreement if the Removal Deadline is not met.

The Building is hereby sold and transferred to Buyer and Buyer's successors and assigns forever.

Seller covenants and warrants that Seller has paid or shall pay when due any and all taxes, levies and assessments due, owing or accruing in or for the period of Seller's ownership of the Building through the date of the closing, which shall be the date set forth in the opening paragraph above.

Seller hereby authorizes the closing agent handling the closing to fill in the Buyer's name, mailing address and the effective date in the opening paragraph, which shall be the date of closing.

Seller hereby covenants with and warrants to Buyer, its successors, and assigns, that Seller has good and marketable title to the Building, full authority to sell and transfer the Building, and that the Building is sold free and clear of all liens, encumbrances, liabilities and adverse claims of every nature and description whatsoever.

**DEPARTMENT OF ADMINISTRATION**

Seller's Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

\_\_\_\_\_ Date

Title: \_\_\_\_\_

**ACKNOWLEDGEMENT**

STATE OF MONTANA )  
County of \_\_\_\_\_ )

This instrument was acknowledged before me on \_\_\_\_\_ by \_\_\_\_\_.

(NOTARIAL SEAL)

\_\_\_\_\_



**SCHEDULE A TO BILL OF SALE**

**ITEMS OF PERSONAL PROPERTY NOT INCLUDED IN SALE**

To Be Filled Out By Seller:



**STATE OF MONTANA**  
**DEPARTMENT OF ADMINISTRATION**  
**ARCHITECTURE AND ENGINEERING DIVISION**  
1520 East Sixth Avenue • P.O. Box 200103 • Helena MT 59620-0103  
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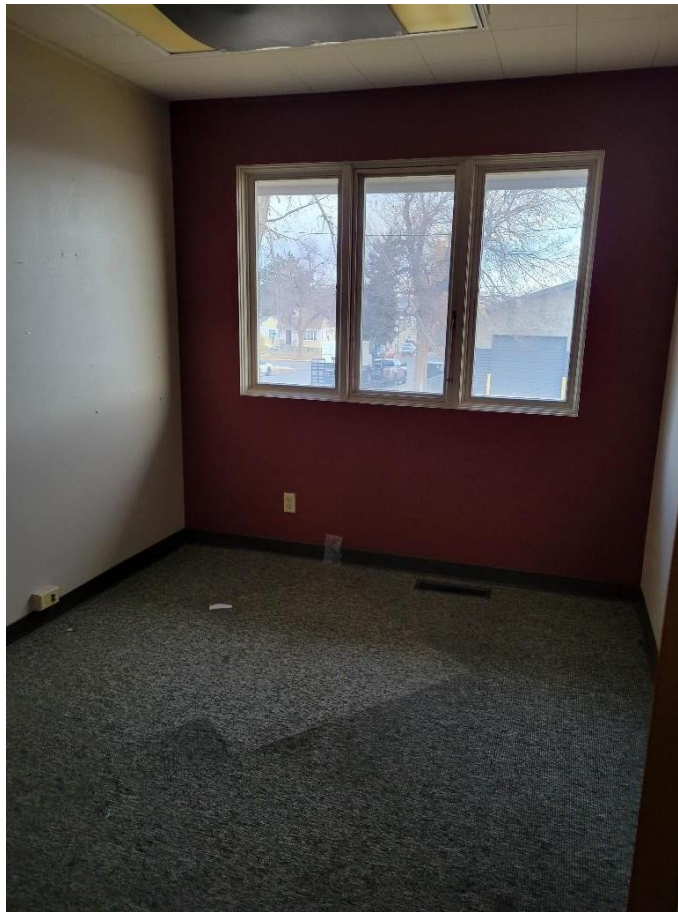
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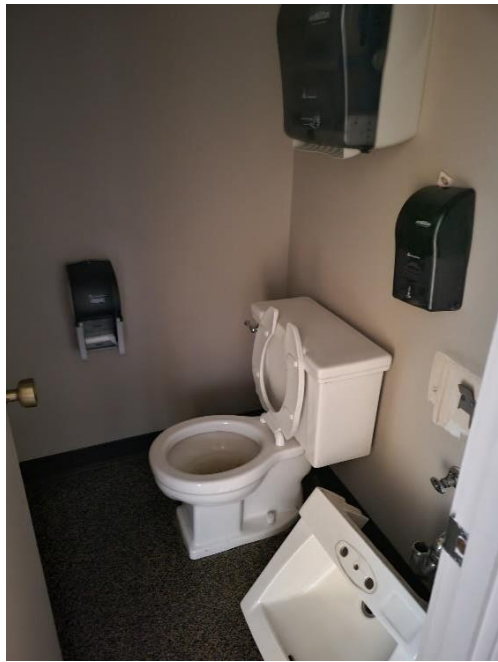
**Photos of 1400 8<sup>th</sup> Ave Upstairs only**

























March 17, 2020

State of Montana Architecture & Engineering (A/E)  
Attn: Russ Katherman  
1520 East Sixth Avenue  
Helena, MT 59620

**RE: Pre-demolition Asbestos Inspection Report  
General Services Division (GSD) Buildings  
Montana State Capitol, Helena, Montana  
NewFields Project No.: 350.0493.000**

Dear Russ,

NewFields Companies, LLC (NewFields) is pleased to present the State of Montana Department of Administration, Architecture & Engineering Division (A/E) with this Pre-demolition Asbestos Inspection Report. From late January to early February of 2020, Ryan McGee and Michael Kelly of NewFields performed asbestos inspections of five buildings located at the corner of 8<sup>th</sup> Avenue and North Roberts Street in Helena, Montana, as follows:

- 1400 8<sup>th</sup> Avenue
- 1404 8<sup>th</sup> Avenue
- 1410 8<sup>th</sup> Avenue
- GSD Grounds Shop
- GSD Grounds Carpentry Shop

Copies of asbestos certificates and accreditations for Ryan and Mike are provided in **Appendix A**.

### **ASBESTOS INSPECTION PROCEDURES**

The asbestos inspection was performed in accordance with the Administrative Rules of Montana (ARM) §17.74.354 and the Asbestos Hazard Emergency Response Act (AHERA) (40 CFR §763.85, .86, and .87). The asbestos inspection also met current criteria for renovation and/or demolition under the Environmental Protection Agency (EPA) regulation 40 CFR 61, National Emissions Standards for Hazardous Air Pollutants (NESHAP; EPA, 1975a). The asbestos inspection included:

- Identifying homogeneous areas of suspect Asbestos Containing Building Material (ACBM) for each building. It should be noted that building materials made of wood, glass, or metal are not considered suspect for containing asbestos by the Montana Department of Environmental Quality – Asbestos Control Program (MDEQ-ACP) or the EPA, and are therefore, excluded from the inspection;
- Determining the required number of samples of each homogenous building material and random sampling locations that would provide the least post-sampling visual impact; and,
- Collecting and submitting building material samples for analysis to confirm or deny whether building materials contain asbestos. Building materials that contain greater than one percent (>1%) asbestos, by weight, are considered ACBM and require special considerations prior to scheduling planned renovation or demolition.



In accordance with ARM 17.74.354 and EPA 40 CFR 763 sampling guidelines, building material samples were categorized, coded, and sampled at the frequencies described below:

- **Surfacing Materials** (sample code S): A minimum of three (3) samples for surfacing materials less than 1,000 square feet (sf), a minimum of five (5) samples for surfacing materials between 1,000-5,000 sf, and a minimum of seven (7) samples for surfacing materials greater than 5,000 sf;
- **Thermal System Insulation** (sample code T): A minimum of three (3) samples from each homogeneous area of Thermal System Insulation (TSI); or
- **Miscellaneous Material** (sample codes M, F, or R): A minimum of three (3) samples from each homogeneous area of miscellaneous material, such as ceiling tile, floor tile, vinyl sheet flooring, cement asbestos board, and roofing materials.

To complete the inspection of the five GSD Buildings, NewFields personnel identified seventy-nine (79) homogenous building materials considered suspect for containing asbestos. A total of 237 building material samples were collected and shipped under chain-of-custody protocol to Eurofins CEI Labs (CEI) in Folsom, California, for asbestos analysis by Polarized Light Microscopy (PLM). The number of building materials and samples collected to complete the asbestos inspection of each building is provided below in **Table 1**.

**Table 1: Building ID and Associated Quantity of Homogenous Materials and Samples**

Building ID	# of Homogenous Materials Identified	# of Samples Collected
1400 8th Ave.	18	56
1404 8th Ave.	27	81
1410 8th Ave.	29	85
GSD Grounds Shop & Carpentry Shop	5	15

Asbestos analytical results were received from CEI between February 5-12, 2020. Building material samples were analyzed using the “positive-stop” analytical approach; meaning if one sample within a group of samples tests positive for asbestos, the remaining samples within that group are held and not analyzed unless requested.

### Light Ballast Inspection Procedures

Fluorescent light fixtures were opened and visually examined to determine the potential for the presence of Polychlorinated Biphenyls (PCBs) in light ballasts and mercury in associated light tubes. Light ballasts were assumed to contain PCBs and are considered hazardous if the inspector was not able verify via visual inspection that the ballast was “PCB Free”.

### Thermostats and Fluorescent Light Tubes Inspection Procedures

During the inspection, thermostats were inspected for switches containing free-phase elemental mercury. If the brand/model of thermostat present was not known to either contain or be free of mercury, the exterior cover of the thermostat was removed to inspect for a mercury-containing glass ampoule. As part of the building material inspection, NewFields quantified fluorescent light fixtures and fluorescent light tubes.



## FINDINGS

### Asbestos

Three out of the five GSD Buildings inspected do not have building materials that contain asbestos. This includes the buildings at 1400 8<sup>th</sup> Avenue, the GSD Grounds Shop, and the GSD Carpentry Shop. The other two buildings inspected at 1404 8<sup>th</sup> Avenue and 1410 8<sup>th</sup> Avenue do have ACBM.

**Table 2: Asbestos-Containing Building Materials (ACBM)**

Sample ID	Material Description	Sample Locations	% Asbestos	Regulatory Category
Building at 1404 8 <sup>th</sup> Avenue				
S3.1	Orange peel surfacing	1st and 2nd floor walls and ceilings	2%	RACM
S3.2	Granular surfacing	1st and 2nd floor walls and ceilings	3%	Regulated
M7.1	Window glazing	Exterior	3%	Category II
F1.1	Tan Vinyl Sheet Flooring (VSF)/mastics	1st Floor RR#2	25% VFT, 5% Yellow 3% Black	RACM
F2.1	9-inch red Vinyl Floor Tile (VFT)	1st Floor Office 5	5%	Category I
M1.1	Sheetrock drywall system (<1%)	1st and 2nd floor walls and ceilings	<1%	OSHA
M10.1	Cement asbestos board	Exterior siding	10%	Category II
Building at 1410 8 <sup>th</sup> Avenue				
M1.1	Sheetrock drywall system (<1%)	1st and 2nd floor walls and ceilings	<1%	OSHA
M1.2	Sheetrock drywall system (<1%)	1st and 2nd floor walls and ceilings	<1%	OSHA
M1.3	Sheetrock drywall system (<1%)	1st and 2nd floor walls and ceilings	<1%	OSHA
F3.1	9-inch tan & off-white VFT	1st floor west closet	2%	Category I
F3.2	9-inch tan VFT	Storage Rooms	2%	Category I
F2.5	Gray and green VFT and yellow mastic	2nd Floor Security Rm.	5% VFT, 2% Yellow Mastic	Category I
M10.1	Cement asbestos board	Exterior siding	15%	Category II non-friable

#### Description of Regulatory Categories:

Category I = Non-friable ACBM consisting of packing, gaskets, resilient floor covering, and asphalt roofing products.

Category II = Non-friable ACBM, excluding Category I materials, such as cement asbestos board (CAB) panels, window putty.

RACM = Regulated Asbestos-Containing Material including: Friable ACBM; Category I material that has become friable; Category I material subject to sanding, grinding, cutting, or abrading; or Category II material that has a high probability of becoming friable.

\*OSHA = Building materials not currently regulated by EPA or Montana Department of Environmental Quality – Asbestos Control Program (MDEQ-ACP), but regulated under 29 CFR 1926.1101, generally building materials containing less than one percent asbestos are still regulated by OSHA.



As shown in **Table 2**, seven building materials in each building were confirmed positive for asbestos. A complete list of all building materials sampled for this inspection (positive and negative) is included in CEI's - Asbestos Analytical Report (**Appendix B**). Sample locations for each building are depicted on floor plan drawings provided in **Appendix C**.

### Light Ballast Inspection Findings

NewFields inspected 25% of the light fixtures. Light fixtures varied between fluorescent tubes (e.g. T-12, T8, or T5). None of the light ballasts inspected were confirmed to contain PCBs ballasts and therefore the light ballasts may be disposed as non-hazardous waste.

### Thermostats and Fluorescent Light Tubes Inspection Findings

No thermostats containing free-phase elemental mercury were observed during the inspection of any building. Fluorescent light tubes, however, do contain elemental mercury and pose a potential hazard. Fluorescent light tubes should be removed and disposed of properly prior to scheduled demolition of each building. The estimated number of fluorescent light tubes associated with each building is listed below in **Table 3**.

**Table 3: Building ID with Approximate Quantity of Florescent Light Fixtures and Tubes**

Building ID	# Linear Fluorescent Light Fixtures	# of Light Tubes
1400 8th Ave.	10	42
1404 8th Ave.	18	52
1410 8th Ave.	24	129
GSD Grounds Shop & Carpentry Shop	6	24

## RECOMMENDATIONS

### Asbestos Recommendations

#### 1404 8<sup>th</sup> Avenue

NewFields recommends abatement of all building materials confirmed positive for asbestos at 1404 8<sup>th</sup> Avenue prior to building demolition. Building materials confirmed positive for asbestos included Category I and Category II non-friable asbestos and regulated asbestos-containing materials (RACM). An Asbestos Project Permit Application (Form MTACP03-R8) should be submitted to the Montana Department of Environmental Quality – Asbestos Control Program (MDEQ-ACP) prior to abatement. The permitting process requires a minimum of 10-working days (2-weeks). In addition to the asbestos project permit, the owner will be required to apply for a Montana Demolition Notification (Form MTACP02-R6).

To complete the asbestos abatement, final clearance air sampling will be required to be completed prior to scheduling demolition activities. Following final clearance air sampling, demolition may begin and demolition waste will be approved to be transported and disposed as “general construction waste”.

#### 1410 8<sup>th</sup> Avenue

Category I and Category II non-friable ACM, and sheetrock walls and ceiling materials that contain <1% asbestos by composite are currently not regulated by MDEQ-ACP or the EPA, however, the Category II non-friable cement asbestos board (CAB) siding will be required to be abated prior to scheduling demolition activities.





Based on these findings there are two options for the planned demolition that may be considered by the Owner, which are described below.

### **Option 1 - Abate all Interior and Exterior ACBM Prior to Demolition:**

Under Option 1, similar to the recommendations for the building at 1404 8<sup>th</sup> Avenue, the ACBM would be abated, containerized and transported for disposal at a Class II landfill capable of accepting asbestos waste prior to building demolition. The positive of this option is that all asbestos hazards are addressed before demolition of the building, therefore, there would be no asbestos exposure concerns during demolition. The negative to this approach is that it is typically more expensive to abatement the asbestos prior to demolition. The abatement contractor would not be required to complete the Asbestos Project Permit Application (Form MTACP03-R8) since all building materials confirmed positive for asbestos are non-regulated. However, the Owner would still be required to inform MDEQ-ACP of the planned demolition by completing and submitting the Montana Demolition Notification (Form MTACP02-R6), required 10-working day (2-week) prior to scheduling demolition activities. It should also be noted that final clearance air sampling would still be required following abatement and prior to demolition.

### **Option 2 – Abate Exterior Cement Asbestos Board (CAD) Siding Prior to Demolition, and Interior ACBM During Demolition:**

Under this option, the exterior CAB siding would be abated, containerized and transported for disposal at a Class II landfill prior to demolition, but the interior ACBM would be disposed of with the demolition debris (i.e. generating a single ACBM and non-ACBM waste stream). By choosing this option, demolition workers would need to protect against asbestos exposure under the Occupational Safety and Health Administration (OSHA) regulations for asbestos, and the Owner would need to enlist the services of a Montana-accredited asbestos contractor/supervisor to provide oversight and air sampling during demolition activities. The Owner would still be required to inform MDEQ-ACP of the planned demolition by completing and submitting the Montana Demolition Notification (Form MTACP02-R6), and would be required to inform the Montana Solid Waste Program of the planned demolition with Category I non-friable flooring materials and sheetrock <1% remaining in the building. The demolition contractor would also need to have asbestos awareness training.

The benefits of this second option is it may be less costly to abate the asbestos in this building as compared to Option 1. Removal of the asbestos-containing sheetrock and floor tile prior to the demolition will be time consuming. Whether this option is more advantageous than Option 1 would come down to whether the labor costs of removing the sheetrock would be higher than the disposal fee of disposing the entire building as ACBM. We can do this evaluation of costs during the abatement design phase if you would like us to.

### **Lead-Based Paint Recommendations**

NewFields recommends collecting a proportionately representative composite sample of all five buildings and test it for leachable lead using the Toxicity Characteristic Leaching Procedure (TCLP) method. The sample should be collected after the tenants vacate the buildings and before demolition. The objective of the TCLP sampling will be to determine whether all five buildings can be disposed of as one waste stream without concern for lead.



A TCLP result greater than 5.0 mg/L would suggest the waste debris, or a portion thereof, may require disposals as a hazardous waste. NewFields did not collect a TCLP sample because the buildings were occupied during the time of the inspection, and the sampling causes considerable damage to the building.

### Light Ballast Recommendations

No PCB-containing ballasts were observed during the inspection; however, not all ballasts were inspected. NewFields recommends that if any magnetic ballasts are to be disposed-of, the contractor should assume they contain PCBs unless the words “Electronic” or “no PCBs” are printed on the ballast label. Solid waste landfills permitted by a state may accept PCBs-containing waste. Ballast containing PCBs wastes must be disposed of in accordance with 40 CFR 761.62 and Montana regulations. For additional information regarding PCB-containing light ballasts, see EPA’s website regarding Identifying FLBs that May Contain PCBs (<https://www.epa.gov/pcbs/polychlorinated-biphenyl-pcb-containing-fluorescent-light-ballasts-flbs-school-buildings>).

### Thermostats and Fluorescent Light Tubes Recommendations

No mercury-containing thermostats were observed in the buildings. If thermostats are discovered prior-to or during demolition, proper disposal or recycling should be performed. Mercury thermostats and fluorescent light tube recycling centers are identified at <https://search.earth911.com/>.

Linear fluorescent light tubes contain mercury, and therefore NewFields recommends that light tubes be reused or recycled. If light tubes cannot be recycled or reused, follow appropriate EPA guidelines for disposal using the Earth 911 link reference above.

## **LIMITATIONS**

This Pre-demolition Asbestos Inspection Report has been prepared based on information gathered during conversations with our client and interpretations of laboratory analytical results provided by Eurofins CEI Labs. The inspection was completed to confirm or deny the presence of asbestos containing building materials and to provide recommendations, if necessary, for abatement prior to demolition of the five buildings.

The opinions and conclusions presented in this report are based on site-conditions observed and information reviewed at the time of the inspection. No inspection can wholly eliminate uncertainty regarding the potential for these materials in connection with a property. The inspection is intended to reduce, but not eliminate, this uncertainty.

Within the limitations of the agreed-upon scope of work, NewFields has conducted this inspection in a professional manner in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by inspectors under similar circumstances.

Due to physical limitations inherent to this inspection or any environmental assessment, NewFields does not warrant that the site is free of contaminants or that all contaminants have been identified. As such, no absolute determination of environmental risks can be made. No other warranties, expressed or implied, are made.



Please note that this Pre-demolition Asbestos Inspection Report is intended for use by the State of Montana Department of Administration, Architecture & Engineering Division (A/E), and their affiliates. The scope of services performed by NewFields for this inspection may not be appropriate to satisfy the needs of other users, and any use or re-use of this report by another, does so at their sole risk.

We appreciate this opportunity to provide A/E with these asbestos inspection and consulting services for the GSD Buildings. Should you have any questions, or if you require additional information please feel free to contact us at (406) 443-3556 (Helena), (406) 549-8270 (Missoula), or via email at [rmcgee@newfields.com](mailto:rmcgee@newfields.com) or [mkelly@newfields.com](mailto:mkelly@newfields.com).

Sincerely,

Ryan D. McGee, Sr. Environmental Scientist  
(Accreditation: MTA-1705/Exp. Date: 3/28/2020)

And,

Michael P. Kelly, Geologist/Asst. Project Manager  
(Accreditation #MTA-4938/Exp. Date 10/20/2020)  
[MKelly@NewFields.com](mailto:MKelly@NewFields.com)

## **APPENDICES**

Appendix A: NewFields Staff Certificates and Accreditations  
Appendix B: Eurofins CEI Asbestos Analytical Report  
Appendix C: Sample Locations Sketch



## **APPENDIX A**

### **NEWFIELDS STAFF CERTIFICATES AND ACCREDITATIONS**



## CERTIFICATE OF COMPLETION

**RYAN D McGEE**

104 E Broadway Street, Suite G1, Helena, MT 59601

successfully completed course training and satisfactorily passed the  
course examination meeting the accreditation requirements for the  
**Montana 4-Hour Asbestos Inspector Refresher Course**  
in accordance with Administrative Rules of Montana 17.74.362 and/or 17.74.363

Certificate Number: ACM 03282019-11

Examination Date: 03/28/2019

Course Date: 03/28/2019

Expiration Date: 03/28/2020

Course Instructor:

Brian Betts  
Abatement Contractors of Montana, LLC  
208 Commerce Street  
Missoula, MT 59808  
406-549-8489

Instructor Signature:

A handwritten signature in black ink, appearing to read "Brian Betts", written over a horizontal line.

Course Approving Agency:

Asbestos Control Program  
Montana Department of Environmental Quality  
PO Box 200901  
Helena, MT 59620-0901

**RYAN D MCGEE**  
has met the requirements of Montana Administrative Rule  
17.74.362 and/or 17.74.363 for accreditation in the following  
asbestos occupation(s) through the specified expiration date(s).

Asbestos Inspector \f.. z.\*  
Project Contractor/Sup (or

03/28/2020  
09/27/2020

MT DEQ Asbestos Control Program

# CERTIFICATE OF TRAINING

*Northern Industrial Hygiene, Inc  
certifies that*

**Michael Kelly**  
700 SW Higgins Ste 15  
Missoula, MT 59803  
*has received*

## Inspector Refresher Training

**For the purpose** of accreditation as **required under Section 17.74.315** of the **Administrative Rules of Montana**  
**and Section 206** of Title II of the Toxic Substance Control Act (TSCA)

*Date: October 10, 2019    Expiration Date: October 11, 2020  
Location: Helena, Montana  
Certification 41R19.110-004*

  
Mark Oliver

10/10/19

Date

Northern Industrial Hygiene, Inc.    201 South 30<sup>th</sup> Street    Billings, Montana 59101    (406) 245-7766

MICHAEL P KELLY

has met the requirements of Montana Administrative Rule  
17.74.362 and/or 17.74.363 **for accreditation** in the following  
asbestos occupation(s) **through** the specified expiration date(s).

Asbestos Inspector  
Project Contractor/Supervisor

MTA-4938

10/10/2020  
06/07/2020

MT DEQ Asbestos Control Program

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Ryan D McGee

has fulfilled the requirements of the Toxic Substances "Control Act (TSCA) Section 402, and has received certification to cond"uct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor"

\*î tâ "î"! ță >/ â"F1!.UIT J:"L"fi <tt ât

mor All EPA Administered Lead-based Paint Activities Program States, Tribes and  
e e

This certification is valid from the date of issuance and expires March 21, 2022

LBP-R-1198901-1

Certification #

March 07, 2019

Issued On



Adrienne Priselac, Manager, Toxics Office  
Land Division

## **APPENDIX B**

### **EUROFINS CEI ASBESTOS ANALYTICAL REPORT**

February 5, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200105

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on January 31, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

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CLIENT PROJECT: MT Heritage- 1400 8th Ave, 350.0493.000

LAB CODE: 6A200105

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/05/20

TOTAL SAMPLES ANALYZED: 53

# SAMPLES >1% ASBESTOS:

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000 **LAB CODE:** 6A200105

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F6.1a		F197493A	Gray	Carpet	None Detected
		F197493B	Tan	Adhesive	None Detected
F6.1b		F197494A	Gray	Carpet	None Detected
		F197494B	Tan	Adhesive	None Detected
F6.1c		F197495A	Gray	Carpet	None Detected
		F197495B	Tan	Adhesive	None Detected
M2.1a		F197496A	Brown	Covebase	None Detected
		F197496B	Off-white	Mastic	None Detected
M2.1b		F197497A	Brown	Covebase	None Detected
		F197497B	Off-white	Mastic	None Detected
M2.1c		F197498A	Brown	Covebase	None Detected
		F197498B	Off-white	Mastic	None Detected
M5.1a		F197499	White,Gray	Ceiling Panel	None Detected
M5.1b		F197500	White,Gray	Ceiling Panel	None Detected
M5.1c		F197501	White,Gray	Ceiling Panel	None Detected
M5.2a		F197502	White,Gray	Ceiling Panel	None Detected
M5.2b		F197503	White,Gray	Ceiling Panel	None Detected
M5.2c		F197504	White,Gray	Ceiling Panel	None Detected
M1.1a		F197505	White	Drywall/Mud	None Detected
M1.1b		F197506	White	Drywall/Mud	None Detected
M1.1c		F197507	White	Drywall/Mud	None Detected
F1.1a	Layer 1	F197508	Tan,Off-white	Vinyl Sheet Flooring	None Detected
	Layer 2	F197508	Gray	Cementitious Material	None Detected
F1.1b	Layer 1	F197509	Tan,Off-white	Vinyl Sheet Flooring	None Detected
	Layer 2	F197509	Gray	Cementitious Material	None Detected
F1.1c	Layer 1	F197510	Tan,Off-white	Vinyl Sheet Flooring	None Detected
	Layer 2	F197510	Gray	Cementitious Material	None Detected
S3.1a		F197511	White,Gray	Surfacing	None Detected
S3.1b		F197512	White,Gray	Surfacing	None Detected
S3.1c		F197513	White,Gray	Surfacing	None Detected
S3.1d		F197514	White,Gray	Surfacing	None Detected



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000 **LAB CODE:** 6A200105

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S3.1e		F197515	White,Gray	Surfacing	None Detected
M4.1a		F197516	White,Tan	Ceiling Tile	None Detected
M4.1b		F197517	White,Tan	Ceiling Tile	None Detected
M4.1c		F197518	White,Tan	Ceiling Tile	None Detected
F1.2a	Layer 1	F197519	Green,Speckled Vinyl Sheet Flooring		None Detected
	Layer 2	F197519	Black	Felt Underlayment	None Detected
F1.2b	Layer 1	F197520	Green,Speckled Vinyl Sheet Flooring		None Detected
	Layer 2	F197520	Black	Felt Underlayment	None Detected
F1.2c	Layer 1	F197521	Green,Speckled Vinyl Sheet Flooring		None Detected
	Layer 2	F197521	Black	Felt Underlayment	None Detected
T12.1a	Layer 1	F197522	Black	Insulation	None Detected
	Layer 2	F197522	Black	Paper	None Detected
T12.1b	Layer 1	F197523	Black	Insulation	None Detected
	Layer 2	F197523	Black	Paper	None Detected
T12.1c	Layer 1	F197524	Black	Insulation	None Detected
	Layer 2	F197524	Black	Paper	None Detected
T15.1a		F197525	Gray	Caulk	None Detected
T15.1b		F197526	Gray	Caulk	None Detected
T15.1c		F197527	Gray	Caulk	None Detected
T12.2a		F197528	Tan,White	Insulation	None Detected
T12.2b		F197529	Tan,White	Insulation	None Detected
T12.2c		F197530	Tan,White	Insulation	None Detected
M11.1a		F197531	Gray	Concrete	None Detected
M11.1b		F197532	Gray	Concrete	None Detected
M11.1c		F197533	Gray	Concrete	None Detected
M12.1a	Layer 1	F197534	Red	Brick	None Detected
	Layer 2	F197534	Gray	Mortar	None Detected
M12.1b	Layer 1	F197535	Red	Brick	None Detected
	Layer 2	F197535	Gray	Mortar	None Detected
M12.1c	Layer 1	F197536	Red	Brick	None Detected
	Layer 2	F197536	Gray	Mortar	None Detected

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000 **LAB CODE:** 6A200105

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M24.1a		F197537	Gray,Beige	Fiberboard Exterior Siding	None Detected
M24.1b		F197538	Gray,Beige	Fiberboard Exterior Siding	None Detected
M24.1c		F197539	Gray,Beige	Fiberboard Exterior Siding	None Detected
M16.1a		F197540	Black	Underlayment	None Detected
M16.1b		F197541	Black	Underlayment	None Detected
M16.1c		F197542	Black	Underlayment	None Detected
R9.1a		F197543	Black	Tar Paper	None Detected
R9.1b		F197544	Black	Tar Paper	None Detected
R9.1c		F197545	Black	Tar Paper	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
<b>F6.1a</b> F197493A	Carpet	Heterogeneous Gray Fibrous Bound	90%	Synthetic Fiber 10%	Binder	None Detected
F197493B	Adhesive	Heterogeneous Tan Fibrous Bound	10%	Synthetic Fiber 90%	Mastic	None Detected
<b>F6.1b</b> F197494A	Carpet	Heterogeneous Gray Fibrous Bound	90%	Synthetic Fiber 10%	Binder	None Detected
F197494B	Adhesive	Heterogeneous Tan Fibrous Bound	10%	Synthetic Fiber 90%	Mastic	None Detected
<b>F6.1c</b> F197495A	Carpet	Heterogeneous Gray Fibrous Bound	90%	Synthetic Fiber 10%	Binder	None Detected
F197495B	Adhesive	Heterogeneous Tan Fibrous Bound	10%	Synthetic Fiber 90%	Mastic	None Detected
<b>M2.1a</b> F197496A	Covebase	Homogeneous Brown Non-fibrous Bound		100%	Vinyl	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F197496B	Mastic	Homogeneous Off-white Non-fibrous Bound	100%		Mastic		None Detected
<b>M2.1b</b> F197497A	Covebase	Homogeneous Brown Non-fibrous Bound	100%		Vinyl		None Detected
F197497B	Mastic	Homogeneous Off-white Non-fibrous Bound	100%		Mastic		None Detected
<b>M2.1c</b> F197498A	Covebase	Homogeneous Brown Non-fibrous Bound	100%		Vinyl		None Detected
F197498B	Mastic	Homogeneous Off-white Non-fibrous Bound	100%		Mastic		None Detected
<b>M5.1a</b> F197499	Ceiling Panel	Heterogeneous White,Gray Fibrous Bound	35% 15% 20%	Cellulose Fiberglass Mineral Wool	10% 10% 10%	Binder Perlite Paint	None Detected
<b>M5.1b</b> F197500	Ceiling Panel	Heterogeneous White,Gray Fibrous Bound	35% 15% 20%	Cellulose Fiberglass Mineral Wool	10% 10% 10%	Binder Perlite Paint	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M5.1c F197501	Ceiling Panel	Heterogeneous	35%	Cellulose	10%	Binder	None Detected
		White,Gray	15%	Fiberglass	10%	Perlite	
		Fibrous	20%	Mineral Wool	10%	Paint	
		Bound					
M5.2a F197502	Ceiling Panel	Heterogeneous	25%	Cellulose	10%	Binder	None Detected
		White,Gray	20%	Fiberglass	10%	Perlite	
		Fibrous	25%	Mineral Wool	10%	Paint	
		Bound					
M5.2b F197503	Ceiling Panel	Heterogeneous	35%	Cellulose	10%	Binder	None Detected
		White,Gray	15%	Fiberglass	10%	Perlite	
		Fibrous	20%	Mineral Wool	10%	Paint	
		Bound					
M5.2c F197504	Ceiling Panel	Heterogeneous	25%	Cellulose	10%	Binder	None Detected
		White,Gray	20%	Fiberglass	10%	Perlite	
		Fibrous	25%	Mineral Wool	10%	Paint	
		Bound					
M1.1a F197505	Drywall/Mud	Heterogeneous	15%	Cellulose	63%	Gypsum	None Detected
		White	10%	Fiberglass	10%	Calc Carb	
		Fibrous			2%	Paint	
		Bound					
M1.1b F197506	Drywall/Mud	Heterogeneous	15%	Cellulose	63%	Gypsum	None Detected
		White	10%	Fiberglass	10%	Calc Carb	
		Fibrous			2%	Paint	
		Bound					
M1.1c F197507	Drywall/Mud	Heterogeneous	15%	Cellulose	63%	Gypsum	None Detected
		White	10%	Fiberglass	10%	Calc Carb	
		Fibrous			2%	Paint	
		Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>F1.1a</b> Layer 1 F197508	Vinyl Sheet Flooring	Heterogeneous		50% Vinyl	None Detected
		Tan,Off-white		50% Binder	
		Fibrous Bound			
Layer 2 F197508	Cementitious Material	Heterogeneous		40% Binder	None Detected
		Gray		60% Silicates	
		Non-fibrous Bound			
<b>F1.1b</b> Layer 1 F197509	Vinyl Sheet Flooring	Heterogeneous		50% Vinyl	None Detected
		Tan,Off-white		50% Binder	
		Fibrous Bound			
Layer 2 F197509	Cementitious Material	Heterogeneous		40% Binder	None Detected
		Gray		60% Silicates	
		Non-fibrous Bound			
<b>F1.1c</b> Layer 1 F197510	Vinyl Sheet Flooring	Heterogeneous		50% Vinyl	None Detected
		Tan,Off-white		50% Binder	
		Fibrous Bound			
Layer 2 F197510	Cementitious Material	Heterogeneous		40% Binder	None Detected
		Gray		60% Silicates	
		Non-fibrous Bound			
<b>S3.1a</b> F197511	Surfacing	Heterogeneous	5%	Talc	None Detected
		White,Gray		65% Calc Carb	
		Fibrous Bound		30% Paint	

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
S3.1b F197512	Surfacing	Heterogeneous White,Gray Fibrous Bound	5%	Talc	65% 30%	Calc Carb Paint	None Detected
S3.1c F197513	Surfacing	Heterogeneous White,Gray Fibrous Bound	5%	Talc	65% 30%	Calc Carb Paint	None Detected
S3.1d F197514	Surfacing	Heterogeneous White,Gray Fibrous Bound	5%	Talc	80% 15%	Calc Carb Paint	None Detected
S3.1e F197515	Surfacing	Heterogeneous White,Gray Fibrous Bound	5%	Talc	80% 15%	Calc Carb Paint	None Detected
M4.1a F197516	Ceiling Tile	Heterogeneous White,Tan Fibrous Bound	85%	Cellulose	5% 10%	Binder Paint	None Detected
M4.1b F197517	Ceiling Tile	Heterogeneous White,Tan Fibrous Bound	85%	Cellulose	5% 10%	Binder Paint	None Detected
M4.1c F197518	Ceiling Tile	Heterogeneous White,Tan Fibrous Bound	85%	Cellulose	5% 10%	Binder Paint	None Detected



# ASBESTOS BULK ANALYSIS

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104 E Broadway  
Helena, MT 59601

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**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.2a</b> Layer 1 F197519	Vinyl Sheet Flooring	Heterogeneous Green, Speckled Fibrous Bound	15%	Cellulose	50% 35%	Vinyl Binder	None Detected
Layer 2 F197519	Felt Underlayment	Heterogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>F1.2b</b> Layer 1 F197520	Vinyl Sheet Flooring	Heterogeneous Green, Speckled Fibrous Bound	15%	Cellulose	50% 35%	Vinyl Binder	None Detected
Layer 2 F197520	Felt Underlayment	Heterogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>F1.2c</b> Layer 1 F197521	Vinyl Sheet Flooring	Heterogeneous Green, Speckled Fibrous Bound	15%	Cellulose	50% 35%	Vinyl Binder	None Detected
Layer 2 F197521	Felt Underlayment	Heterogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>T12.1a</b> Layer 1 F197522	Insulation	Heterogeneous Black Fibrous Loose	100%	Cellulose			None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 F197522	Paper	Heterogeneous Black Fibrous Bound	100%	Cellulose	None Detected
<b>T12.1b</b> Layer 1 F197523	Insulation	Heterogeneous Black Fibrous Loose	100%	Cellulose	None Detected
Layer 2 F197523	Paper	Heterogeneous Black Fibrous Bound	100%	Cellulose	None Detected
<b>T12.1c</b> Layer 1 F197524	Insulation	Heterogeneous Black Fibrous Loose	100%	Cellulose	None Detected
Layer 2 F197524	Paper	Heterogeneous Black Fibrous Bound	100%	Cellulose	None Detected
<b>T15.1a</b> F197525	Caulk	Homogeneous Gray Non-fibrous Bound		100% Caulk	None Detected
<b>T15.1b</b> F197526	Caulk	Homogeneous Gray Non-fibrous Bound		100% Caulk	None Detected

# ASBESTOS BULK ANALYSIS

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104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
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**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>T15.1c</b> F197527	Caulk	Homogeneous Gray Non-fibrous Bound	100%	Caulk	None Detected
<b>T12.2a</b> F197528	Insulation	Heterogeneous Tan,White Fibrous Loose	100%	Cellulose	None Detected
<b>T12.2b</b> F197529	Insulation	Heterogeneous Tan,White Fibrous Loose	100%	Cellulose	None Detected
<b>T12.2c</b> F197530	Insulation	Heterogeneous Tan,White Fibrous Loose	100%	Cellulose	None Detected
<b>M11.1a</b> F197531	Concrete	Heterogeneous Gray Non-fibrous Bound	50% 50%	Binder Silicates	None Detected
<b>M11.1b</b> F197532	Concrete	Heterogeneous Gray Non-fibrous Bound	50% 50%	Binder Silicates	None Detected
<b>M11.1c</b> F197533	Concrete	Heterogeneous Gray Non-fibrous Bound	50% 50%	Binder Silicates	None Detected

# ASBESTOS BULK ANALYSIS

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104 E Broadway  
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**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous		Non-Fibrous		
M12.1a Layer 1 F197534	Brick	Heterogeneous		80%	Binder	None Detected	
		Red		20%	Silicates		
		Non-fibrous					
		Tightly Bound					
Layer 2 F197534	Mortar	Heterogeneous		25%	Binder	None Detected	
		Gray		75%	Silicates		
		Non-fibrous					
		Bound					
M12.1b Layer 1 F197535	Brick	Heterogeneous		80%	Binder	None Detected	
		Red		20%	Silicates		
		Non-fibrous					
		Tightly Bound					
Layer 2 F197535	Mortar	Heterogeneous		25%	Binder	None Detected	
		Gray		75%	Silicates		
		Non-fibrous					
		Bound					
M12.1c Layer 1 F197536	Brick	Heterogeneous		80%	Binder	None Detected	
		Red		20%	Silicates		
		Non-fibrous					
		Tightly Bound					
Layer 2 F197536	Mortar	Heterogeneous		25%	Binder	None Detected	
		Gray		75%	Silicates		
		Non-fibrous					
		Bound					
M24.1a F197537	Fiberboard Exterior Siding	Heterogeneous	75%	Cellulose	8%	Binder	None Detected
		Gray,Beige	10%	Fiberglass	5%	Silicates	
		Fibrous			2%	Paint	
		Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
<b>M24.1b</b> F197538	Fiberboard Exterior Siding	Heterogeneous	75%	Cellulose	8%	Binder	None Detected
		Gray,Beige	10%	Fiberglass	5%	Silicates	
		Fibrous			2%	Paint	
		Bound					
<b>M24.1c</b> F197539	Fiberboard Exterior Siding	Heterogeneous	75%	Cellulose	8%	Binder	None Detected
		Gray,Beige	10%	Fiberglass	5%	Silicates	
		Fibrous			2%	Paint	
		Bound					
<b>M16.1a</b> F197540	Underlayment	Heterogeneous	85%	Cellulose	15%	Tar	None Detected
		Black					
		Fibrous					
		Bound					
<b>M16.1b</b> F197541	Underlayment	Heterogeneous	85%	Cellulose	15%	Tar	None Detected
		Black					
		Fibrous					
		Bound					
<b>M16.1c</b> F197542	Underlayment	Heterogeneous	85%	Cellulose	15%	Tar	None Detected
		Black					
		Fibrous					
		Bound					
<b>R9.1a</b> F197543	Tar Paper	Heterogeneous	80%	Cellulose	20%	Tar	None Detected
		Black					
		Fibrous					
		Bound					
<b>R9.1b</b> F197544	Tar Paper	Heterogeneous	80%	Cellulose	20%	Tar	None Detected
		Black					
		Fibrous					
		Bound					

# ASBESTOS BULK ANALYSIS

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**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200105  
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**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
R9.1c F197545	Tar Paper	Heterogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected

---

**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                      Non-Trem      = Non-Asbestiform Tremolite  
                      Calc Carb      = Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

---

**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

---

**REGULATORY LIMIT:** >1% by weight

---

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

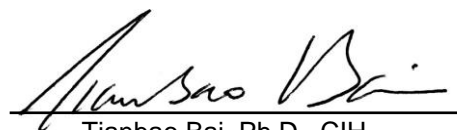
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

**ANALYST:**


  
 Taylor B. Metcalf

**APPROVED BY:**

  
 Tianbao Bai, Ph.D., CIH  
 Laboratory Director






730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412: Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	@00 {\$ 
CEI Lab I.D. Range:	\ " ! fi / \$

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Ryan McGee
Company: NewFields	Email / Tel: HMc:1ro NewF ieln» << (406) 461-40a
Address: 1 Q4 E BFuadwrlly	Project Name: , ' 1 - !
Helena, MT 59501	Project ID#: "h ^ , /c
Email: MHuntington(? .ewfields.com	PO #, Same ns Project ID//
Tel: US-443—35?G Fax: NA	STATE SAMPLES COLLECTED IN: MONTANA

IF TA 7 IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASB ES TOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	DQ	5 DAY
P BULK	6g						
PLM POINT COUNT (400)	EPA 600						
PLIVI POINT COUNT ( 1000)	EPA GOD						
PLM GRAV w POINT COUNT	EPA 600		. g				
PLM BULK	CARB 435	:					
PCM AIR	NIOSH 7400						
TEM AIR	EPA AHERA						
TEM AIR	NIOSH 7402						
TEM AIR (PCME)	ISO 10312						
TEM AIR	ASTM 62B1-15						
TEM BULK	CHATFIELD		* j				
TEM DUST WIPE	ASTM D6480-05 (20t 0)						
TEM DUST MICROVAC	ASTM D5755-09 (2014)						
TEM SOIL	ASTM D752J-16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METS-DOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITTATIVE	IN-HOUSE METHOD	. . . \ *		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER :				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:		Accept Samples	
• Positive - stop Analysis • Point-count if less than 1% Asbestos		Reject Samples	
Relinquished By:	Date/Time	Received By:	Date/Time
			1/2

Samples w/J/ 6e disposed of 30 days after analysts



# SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: <u>New York,</u>	Job Contact: <u>Finn McGee</u>
Project Name: <u>g - ) L] €@ , b,V&amp;</u>	Sample Date: <u>          </u>
Project ID #: <u>          </u>	Tel: <u>(4 6) 461-40@</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUMES AREA	COMMENTS
✓ 1.1b	Gray (multi-shade) Carpet / Adhesive	- North Side Office 3, Basement	
		- West Side Break Rm, Basement	
		- Storage 2, Basement	
	Brown 4" Covebase and Adhesive	- NE Break Rm, Basement	
		- SW Office 3, Basement	- Shared Bags
		- NW Storage, Basement	
✓ M5.1a	Lay-in Ceiling Panel (Pinholes/Fissures)	- Break Rm, Basement	
1.1b		- Office, Basement	
1.1c		- Storage, Basement	- Office 3
✓ M5.2a	Lay-in Ceiling Panel Pinholes/craters	- Break Rm, Basement	
1.2b		- Office 1, Basement	
1.2c		- Hall, Basement	
M1.1a	Drywall System	- NE Break Rm, Basement	
1.1b		- SW Office 3, Basement	- Shared Bags
1.1c		- NW Storage, Basement	
i H&F.1.1	Tan, speckled VSF	- R 1, Basement	(North side)
1.1F			
1.1C			(South side)
✓ S3.1a	Spray-on wall surfacing (granuldp)	- SE corner of Office 1, Basement	
		- NW corner of Storage Rm, Basement	
1.1c		- Mech Rm Entry, Basement	
1.1d		- NE of Lobby, Upper Floor	
1.1e		- SW Lobby, Upper Floor	
✓ M4.1a	12" ceiling Tiles	- center of Conf. Rm, Upper Floor	
1.1b		- center of Office 4, Upper Floor	
1.1c		- center of Office 5, Upper Floor	
✓ FL.2a	Greenish, Granite-11K	F & underlayment (back)	- RR 2, Upper Floor
1.2b			

9 HAs, 29 samples This Page

Page 2 of 3

17 HAs, 53 Samples Total



# SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: NewFielrls	Job Contact: Ryan McGee
Project Name: i •8p - ) §Ö @	Sample Date: ) @ pg@
Project ID #:	Tel: (406) 461—40@

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTE
i . A	Cellulose insulation w/ Black Paper - E. Side of		Mech Rm, Basement
T15.1a	HVAC Joint caulk (green-gray) - 1" center		Mech Rm, Basement
1 .1b	1 - 5" Mech Rm, Basement		
1 .1c	1 - 5" w/ Mech Rm, Basement		
Tt4. \L=	Blown-in attic insulation - Attic Hatch		Upper Floor
1.a 0	1	1	
M tt .1»	çô«rele. Fou«»îoïon — 3wr	»mer c	\- E.xJer:0'r
1 .1L	1 — Nu c	»rcercsr	Fxt«riü r
1 .1	1 — Nf	öruer ô	U- û¥eF<o
* NIJ.4	6<.ck & Nt>* & Ff14. \•b\III Sw	rc?°ef'	ö4 Ex*er.cF
! .1h	1 — re	<>>r•er	n+ xxter<oc
+ .1r	1 — VE	c•rne	« H tx  er' or
o h l'4 .1a	fi berbærà Eibr<ar S.à'nq - \<JeA	csni°r	:i:Ari o
1 .1 t.	1 ->•A	>: > A	r•rt. e »r.»o
1 .1c	1 - East	side of	North Exterior
M16.1a	Black Exterior Wall Panel underlayment	- East	center of Exterior
1 .1c	1	-	1
R9.1a	Root Tar Paper / lowest layer	- Root	of Attic
1 .1b	1	-	1

7 HAs 24 Samples

February 11, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200149

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 10, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

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CLIENT PROJECT: MT Heritage- 1400 8th Ave, 350.0493.000

LAB CODE: 6A200149

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/11/20

TOTAL SAMPLES ANALYZED: 3

# SAMPLES >1% ASBESTOS:



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1400 8th Ave, 350.0493.000 **LAB CODE:** 6A200149

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
R3.1A	Layer 1	F198318	Black,Gray	Roof Shingle	None Detected
	Layer 2	F198318	Black	Underlayment	None Detected
R3.1B	Layer 1	F198319	Black,Gray	Roof Shingle	None Detected
	Layer 2	F198319	Black	Underlayment	None Detected
R3.1C	Layer 1	F198320	Black,Gray	Roof Shingle	None Detected
	Layer 2	F198320	Black	Underlayment	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200149  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-11-20  
**Date Reported:** 02-11-20

**Project:** MT Heritage- 1400 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R3.1A</b> Layer 1 F198318	Roof Shingle	Heterogeneous Black, Gray Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198318	Underlayment	Homogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected
<b>R3.1B</b> Layer 1 F198319	Roof Shingle	Heterogeneous Black, Gray Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198319	Underlayment	Heterogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected
<b>R3.1C</b> Layer 1 F198320	Roof Shingle	Heterogeneous Black, Gray Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198320	Underlayment	Heterogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected

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**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                  Non-Trem      = Non-Asbestiform Tremolite  
                  Calc Carb      = Calcium Carbonate

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**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

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**REPORTING LIMIT:** <1% by visual estimation

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**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

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**REGULATORY LIMIT:** >1% by weight

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Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*


This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

**ANALYST:** \_\_\_\_\_

  
Jordan Gray

**APPROVED BY:** \_\_\_\_\_

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-4B1-1442

LAB USE ONLY:

CEI Lab Code: !' &i?'/-

CEI Lab I.D. Range:

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIEXT #: 26861	Job Contact: Michael Kelly
Company: N' \vFields	Email / Tel: MKelly c0Nc:wFields.con (907)317-2924
Address: 700 SW Higgins Ave., Ste. 15	Project Name: MT Heritnge - 1400 6lh Ave
Missoula. MT g803	Projec( ID#: 350.0493.000
Email' MHLIf1Jf gton n'wfielcJs.com	PO #: Salue aa Project ID//
Tel: 40G-Jç J-3fi56 Fax NA	STATE SAMPLES CDLECTED IN: MONTANA

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	DAY	3 DAY	5 DAY
PLM BULKS	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
POINT COUNT (400)	EPA 000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV POINT couuT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-1ú	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TE/vi BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5715-01 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINC INHAT I METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITTATIVE	IN-HOUSE METHOO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

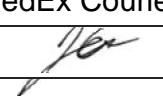
REMARKS / SPECIAL INSTRUCTIONS:

Use positive-stop analysis

Use point count analysis for results between ND and 1%

Accept Samples

Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Michael Kelly	2/7/2020 @17:00	FedEx Courier	2/7/2020 @17:00
			9:40 2/10

Samples will be disposed of 30 days aner analysis

[illegible]



February 5, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200106

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on January 31, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

---

CLIENT PROJECT: MT Heritage- 1404 8th Ave, 350.0493.000

LAB CODE: 6A200106

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/05/20

TOTAL SAMPLES ANALYZED: 72

# SAMPLES >1% ASBESTOS: 9

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000 **LAB CODE:** 6A200106

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F6.1a		F197546A	Gray	Carpet	None Detected
		F197546B	Yellow	Carpet Adhesive	None Detected
F6.1b		F197547A	Gray	Carpet	None Detected
		F197547B	Yellow	Carpet Adhesive	None Detected
F6.1c		F197548A	Gray	Carpet	None Detected
		F197548B	Yellow	Carpet Adhesive	None Detected
S3.1a	Layer 1	F197549	Gray,White	Spray-On	Chrysotile 2%
	Layer 2	F197549	Tan	Spray-On	Chrysotile 2%
S3.1b		F197550		Sample Not Analyzed per COC	
S3.1c		F197551		Sample Not Analyzed per COC	
M2.1a		F197552A	Brown	Covebase	None Detected
		F197552B	Tan	Adhesive	None Detected
M2.1b		F197553A	Brown	Covebase	None Detected
		F197553B	Tan	Adhesive	None Detected
M2.1c		F197554A	Brown	Covebase	None Detected
		F197554B	Tan	Adhesive	None Detected
S3.2a		F197555	White	Spray-On	Chrysotile 3%
S3.2b		F197556		Sample Not Analyzed per COC	
S3.2c		F197557		Sample Not Analyzed per COC	
M1.1a		F197558	White,Brown	Drywall/Joint Compound	Chrysotile <1%
M1.1b		F197559	White,Brown	Drywall/Joint Compound	Chrysotile <1%
M1.1c		F197560	White,Brown	Drywall	None Detected
F6.2a		F197561A	Gray	Carpet	None Detected
		F197561B	Yellow	Carpet Adhesive	None Detected
F6.2b		F197562A	Gray	Carpet	None Detected
		F197562B	Yellow	Carpet Adhesive	None Detected
F6.2c		F197563A	Gray	Carpet	None Detected
		F197563B	Yellow	Carpet Adhesive	None Detected
F4.1a		F197564	White	Leveling Compound	None Detected
F4.1b		F197565	White	Leveling Compound	None Detected
F4.1c		F197566	White	Leveling Compound	None Detected

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000 **LAB CODE:** 6A200106

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M15.1a		F197567A	Tan	Frp	None Detected
		F197567B	Off-white	Adhesive	None Detected
M15.1b		F197568A	Tan	Frp	None Detected
		F197568B	Off-white	Adhesive	None Detected
M15.1c		F197569A	Tan	Frp	None Detected
		F197569B	Off-white	Adhesive	None Detected
F9.1a		F197570	Gray	Vinyl Flooring	None Detected
F9.1b		F197571A	Gray	Vinyl Flooring	None Detected
		F197571B	Brown	Vinyl Flooring	None Detected
F9.1c		F197572	Gray	Vinyl Flooring	None Detected
M11.1a		F197573	Green	Concrete	None Detected
M11.1b		F197574	Green	Concrete	None Detected
M11.1c	Layer 1	F197575	Gray	Concrete	None Detected
	Layer 2	F197575	Green	Concrete	None Detected
M11.2a		F197576	Gray	Concrete	None Detected
M11.2b		F197577	Gray	Concrete	None Detected
M11.2c		F197578	Gray	Concrete	None Detected
M16.1a		F197579	Black	Underlayment	None Detected
M16.1b		F197580	Black,Green	Underlayment	None Detected
M16.1c		F197581	Black	Underlayment	None Detected
M10.1a		F197582	Gray,Green	Transite	Chrysotile 20%
M10.1b		F197583		Sample Not Analyzed per COC	
M10.1c		F197584		Sample Not Analyzed per COC	
M7.1A		F197585	White,Gray	Glazing	None Detected
M7.1b		F197586	Gray,White	Glazing	Chrysotile 3%
M7.1c		F197587		Sample Not Analyzed per COC	
M11.3a		F197588	Gray	Concrete	None Detected
M11.3b		F197589	Gray	Concrete	None Detected
M11.3c		F197590	Gray	Concrete	None Detected
F7.1a	Layer 1	F197591A	Black	Underlayment	None Detected
	Layer 2	F197591A	Gray	Vinyl Flooring	None Detected

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000 **LAB CODE:** 6A200106

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		F197591B	Yellow	Mastic	None Detected
F7.1b	Layer 1	F197592A	Gray	Vinyl Flooring	None Detected
	Layer 2	F197592A	Black	Underlayment	None Detected
		F197592B	Yellow	Mastic	None Detected
F7.1c	Layer 1	F197593A	Black	Underlayment	None Detected
	Layer 2	F197593A	Gray	Vinyl Flooring	None Detected
		F197593B	Yellow	Mastic	None Detected
T13.1a		F197594	White,Yellow	Sealant	None Detected
T13.1b		F197595	White,Yellow	Sealant	None Detected
T13.1c		F197596	White,Yellow	Sealant	None Detected
M4.1a		F197597	White,Brown	Ceiling Tile	None Detected
M4.1b		F197598	White,Brown	Ceiling Tile	None Detected
M4.1c		F197599	White,Brown	Ceiling Tile	None Detected
M4.2a		F197600	White,Brown	Ceiling Tile	None Detected
M4.2b		F197601	White,Brown	Ceiling Tile	None Detected
M4.2c		F197602	White,Brown	Ceiling Tile	None Detected
F2.1a	Layer 1	F197603A	Yellow	Mastic	None Detected
	Layer 2	F197603A	Red	Vinyl Floor Tile	Chrysotile 5%
		F197603B	Black	Mastic	None Detected
F2.1b		F197604A		Sample Not Analyzed per COC	
		F197604B	Black	Mastic	None Detected
F2.1c		F197605A		Sample Not Analyzed per COC	
		F197605B	Black	Mastic	None Detected
M2.2a		F197606A	Red	Covebase	None Detected
		F197606B	Yellow	Adhesive	None Detected
M2.2b		F197607A	Red	Covebase	None Detected
		F197607B	Yellow	Adhesive	None Detected
M2.2c		F197608A	Red	Covebase	None Detected
		F197608B	Yellow	Adhesive	None Detected
F1.1a		F197609A	Tan	Vinyl Flooring	Chrysotile 25%
	Layer 1	F197609B	Yellow	Mastic	Chrysotile 5%

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000 **LAB CODE:** 6A200106

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	F197609B	Black	Mastic	Chrysotile 3%
F1.1b		F197610		Sample Not Analyzed per COC	
F1.1c		F197611		Sample Not Analyzed per COC	
M9.1a		F197612A	Pink	Wall Tile	None Detected
		F197612B	Yellow	Adhesive	None Detected
M9.1b		F197613A	Black	Wall Tile	None Detected
		F197613B	Yellow	Adhesive	None Detected
M9.1c		F197614A	Black	Wall Tile	None Detected
		F197614B	Yellow	Adhesive	None Detected
M8.1a		F197615	White	Caulking	None Detected
M8.1b		F197616	White	Caulking	None Detected
M8.1c		F197617	White	Caulking	None Detected
M2.3a		F197618	Gray	Covebase	None Detected
M2.3b		F197619	Gray	Covebase	None Detected
M2.3c		F197620	Gray	Covebase	None Detected
T12.1a		F197621	Brown	Insulation	None Detected
T12.1b		F197622	Brown	Insulation	None Detected
T12.1c		F197623	Brown	Insulation	None Detected
M16.2a		F197624	Black	Underlayment	None Detected
M16.2b		F197625	Black	Underlayment	None Detected
M16.2c		F197626	Black	Underlayment	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F6.1a</b> F197546A	Carpet	Heterogeneous Gray Fibrous Bound	10% 60%	Fiberglass Synthetic Fiber	30% Binder	None Detected	
F197546B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	2%	Synthetic Fiber 98%	Mastic	None Detected	
<b>F6.1b</b> F197547A	Carpet	Heterogeneous Gray Fibrous Bound	60% 10%	Synthetic Fiber 30% Fiberglass	Binder	None Detected	
F197547B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	2%	Synthetic Fiber 98%	Mastic	None Detected	
<b>F6.1c</b> F197548A	Carpet	Heterogeneous Gray Fibrous Bound	60% 10%	Synthetic Fiber 30% Fiberglass	Binder	None Detected	
F197548B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	2%	Synthetic Fiber 98%	Mastic	None Detected	
<b>S3.1a</b> Layer 1 F197549	Spray-On	Heterogeneous Gray,White Non-fibrous Bound		5% 35% 58%	Paint Calc Carb Binder	<b>2% Chrysotile</b>	

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
Layer 2 F197549	Spray-On	Heterogeneous Tan Non-fibrous Bound		35% Calc Carb 63% Binder	2% Chrysotile
<b>S3.1b</b> F197550	Sample Not Analyzed per COC				
<b>S3.1c</b> F197551	Sample Not Analyzed per COC				
<b>M2.1a</b> F197552A	Covebase	Homogeneous Brown Non-fibrous Bound	100%	Vinyl	None Detected
F197552B	Adhesive	Homogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.1b</b> F197553A	Covebase	Homogeneous Brown Non-fibrous Bound	100%	Vinyl	None Detected
F197553B	Adhesive	Homogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.1c</b> F197554A	Covebase	Homogeneous Brown Non-fibrous Bound	100%	Vinyl	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
F197554B	Adhesive	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
<b>S3.2a</b> F197555	Spray-On	Heterogeneous White Non-fibrous Bound		5% 35% 57%	Paint Calc Carb Binder	<b>3% Chrysotile</b>
<b>S3.2b</b> F197556	Sample Not Analyzed per COC					
<b>S3.2c</b> F197557	Sample Not Analyzed per COC					
<b>M1.1a</b> F197558	Drywall/Joint Compound	Heterogeneous White,Brown Fibrous Bound	15%	Cellulose	5% 10% 70%	Paint Calc Carb Binder
Lab Notes: 3% Chrysotile in joint compounds only; <1% overall						
<b>M1.1b</b> F197559	Drywall/Joint Compound	Heterogeneous White,Brown Fibrous Bound	15%	Cellulose	5% 10% 70%	Paint Calc Carb Binder
Lab Notes: 3% Chrysotile in both joint compounds only; <1% overall						
<b>M1.1c</b> F197560	Drywall	Heterogeneous White,Brown Fibrous Bound	15%	Cellulose	5% 80%	Paint Gypsum
<b>F6.2a</b> F197561A	Carpet	Homogeneous Gray Fibrous Bound	80%	Synthetic Fiber 20%	Binder	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
F197561B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
<b>F6.2b</b> F197562A	Carpet	Homogeneous Gray Fibrous Bound	80%	Synthetic Fiber 20% Binder	None Detected
F197562B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
<b>F6.2c</b> F197563A	Carpet	Homogeneous Gray Fibrous Bound	80%	Synthetic Fiber 20% Binder	None Detected
F197563B	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
<b>F4.1a</b> F197564	Leveling Compound	Homogeneous White Non-fibrous Bound		35% Calc Carb 65% Binder	None Detected
<b>F4.1b</b> F197565	Leveling Compound	Homogeneous White Non-fibrous Bound		35% Calc Carb 65% Binder	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
F4.1c	Leveling Compound	Homogeneous			35%	Calc Carb	None Detected
F197566		White			65%	Binder	
		Non-fibrous					
		Bound					
M15.1a	Frp	Homogeneous	50%	Fiberglass	50%	Vinyl	None Detected
F197567A		Tan					
		Fibrous					
		Bound					
F197567B	Adhesive	Homogeneous			100%	Mastic	None Detected
		Off-white					
		Non-fibrous					
		Bound					
M15.1b	Frp	Homogeneous	50%	Fiberglass	50%	Vinyl	None Detected
F197568A		Tan					
		Fibrous					
		Bound					
F197568B	Adhesive	Homogeneous			100%	Mastic	None Detected
		Off-white					
		Non-fibrous					
		Bound					
M15.1c	Frp	Homogeneous	50%	Fiberglass	50%	Vinyl	None Detected
F197569A		Tan					
		Fibrous					
		Bound					
F197569B	Adhesive	Homogeneous			100%	Mastic	None Detected
		Off-white					
		Non-fibrous					
		Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F9.1a F197570	Vinyl Flooring	Heterogeneous Gray Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
F9.1b F197571A	Vinyl Flooring	Heterogeneous Gray Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
F197571B	Vinyl Flooring	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
F9.1c F197572	Vinyl Flooring	Heterogeneous Gray Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
M11.1a F197573	Concrete	Homogeneous Green Non-fibrous Tightly Bound			65% 35%	Silicates Binder	None Detected
M11.1b F197574	Concrete	Homogeneous Green Non-fibrous Tightly Bound			65% 35%	Silicates Binder	None Detected
M11.1c Layer 1 F197575	Concrete	Homogeneous Gray Non-fibrous Tightly Bound			65% 35%	Silicates Binder	None Detected



# ASBESTOS BULK ANALYSIS

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104 E Broadway  
Helena, MT 59601

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**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
Layer 2	Concrete	Homogeneous			65%	Silicates	None Detected
F197575		Green			35%	Binder	
		Non-fibrous					
		Tightly Bound					
M11.2a	Concrete	Heterogeneous			5%	Paint	None Detected
F197576		Gray			65%	Silicates	
		Non-fibrous			30%	Binder	
		Tightly Bound					
M11.2b	Concrete	Homogeneous			65%	Silicates	None Detected
F197577		Gray			35%	Binder	
		Non-fibrous					
		Tightly Bound					
M11.2c	Concrete	Heterogeneous			5%	Paint	None Detected
F197578		Gray			65%	Silicates	
		Non-fibrous			30%	Binder	
		Bound					
M16.1a	Underlayment	Heterogeneous	75%	Cellulose	5%	Paint	None Detected
F197579		Black			20%	Tar	
		Fibrous					
		Bound					
M16.1b	Underlayment	Heterogeneous	75%	Cellulose	5%	Paint	None Detected
F197580		Black,Green			20%	Tar	
		Fibrous					
		Bound					
M16.1c	Underlayment	Homogeneous	80%	Cellulose	20%	Tar	None Detected
F197581		Black					
		Fibrous					
		Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
M10.1a F197582	Transite	Heterogeneous Gray,Green Fibrous Tightly Bound	5% 75%	Paint Binder	20% Chrysotile
M10.1b F197583	Sample Not Analyzed per COC				
M10.1c F197584	Sample Not Analyzed per COC				
M7.1A F197585	Glazing	Heterogeneous White,Gray Non-fibrous Bound	5% 65% 30%	Paint Binder Calc Carb	None Detected
M7.1b F197586	Glazing	Heterogeneous Gray,White Non-fibrous Bound	5% 82% 10%	Paint Binder Calc Carb	3% Chrysotile
M7.1c F197587	Sample Not Analyzed per COC				
M11.3a F197588	Concrete	Heterogeneous Gray Non-fibrous Tightly Bound	5% 65% 30%	Paint Silicates Binder	None Detected
M11.3b F197589	Concrete	Homogeneous Gray Non-fibrous Tightly Bound	65% 35%	Silicates Binder	None Detected
M11.3c F197590	Concrete	Homogeneous Gray Non-fibrous Tightly Bound	65% 35%	Silicates Binder	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
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**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
F7.1a	Underlayment	Homogeneous	90%	Cellulose	10%	Tar	None Detected
Layer 1		Black					
F197591A		Fibrous					
		Bound					
Layer 2	Vinyl Flooring	Homogeneous			100%	Vinyl	None Detected
F197591A		Gray					
		Non-fibrous					
		Bound					
F197591B	Mastic	Homogeneous	2%	Synthetic Fiber	96%	Mastic	None Detected
		Yellow	2%	Cellulose			
		Fibrous					
		Bound					
F7.1b	Vinyl Flooring	Homogeneous			100%	Vinyl	None Detected
Layer 1		Gray					
F197592A		Non-fibrous					
		Bound					
Layer 2	Underlayment	Homogeneous	90%	Cellulose	10%	Tar	None Detected
F197592A		Black					
		Fibrous					
		Bound					
F197592B	Mastic	Homogeneous			100%	Mastic	None Detected
		Yellow					
		Non-fibrous					
		Bound					
F7.1c	Underlayment	Homogeneous	90%	Cellulose	10%	Tar	None Detected
Layer 1		Black					
F197593A		Fibrous					
		Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
Layer 2 F197593A	Vinyl Flooring	Homogeneous Gray Non-fibrous Bound			100%	Vinyl	None Detected
F197593B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
<b>T13.1a</b> F197594	Sealant	Heterogeneous White, Yellow Fibrous Bound	20%	Fiberglass	80%	Binder	None Detected
<b>T13.1b</b> F197595	Sealant	Heterogeneous White, Yellow Fibrous Bound	20%	Fiberglass	80%	Binder	None Detected
<b>T13.1c</b> F197596	Sealant	Heterogeneous White, Yellow Fibrous Bound	20%	Fiberglass	80%	Binder	None Detected
<b>M4.1a</b> F197597	Ceiling Tile	Heterogeneous White, Brown Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected
<b>M4.1b</b> F197598	Ceiling Tile	Heterogeneous White, Brown Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected

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**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M4.1c F197599	Ceiling Tile	Heterogeneous White,Brown Fibrous Loosely Bound	95%	Cellulose	5%	Paint	None Detected
M4.2a F197600	Ceiling Tile	Heterogeneous White,Brown Fibrous Loosely Bound	93% 2%	Cellulose Talc	5%	Paint	None Detected
M4.2b F197601	Ceiling Tile	Heterogeneous White,Brown Fibrous Loosely Bound	93% 2%	Cellulose Talc	5%	Paint	None Detected
M4.2c F197602	Ceiling Tile	Heterogeneous White,Brown Fibrous Loosely Bound	93% 2%	Cellulose Talc	5%	Paint	None Detected
F2.1a Layer 1 F197603A	Mastic	Homogeneous Yellow Fibrous Bound	2% 2%	Cellulose Synthetic Fiber	96%	Mastic	None Detected
Layer 2 F197603A	Vinyl Floor Tile	Homogeneous Red Non-fibrous Bound			95%	Vinyl	5% Chrysotile
F197603B	Mastic	Homogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
F2.1b F197604A	Sample Not Analyzed per COC						

# ASBESTOS BULK ANALYSIS

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**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

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**Date Received:** 01-31-20  
**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
F197604B	Mastic	Homogeneous Black Non-fibrous Bound		Mastic	None Detected
<b>F2.1c</b> F197605A	Sample Not Analyzed per COC				
F197605B	Mastic	Homogeneous Black Non-fibrous Bound		Mastic	None Detected
<b>M2.2a</b> F197606A	Covebase	Homogeneous Red Non-fibrous Bound	100%	Vinyl	None Detected
F197606B	Adhesive	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.2b</b> F197607A	Covebase	Homogeneous Red Non-fibrous Bound	100%	Vinyl	None Detected
F197607B	Adhesive	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.2c</b> F197608A	Covebase	Homogeneous Red Non-fibrous Bound	100%	Vinyl	None Detected



# ASBESTOS BULK ANALYSIS

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**Date Analyzed:** 02-03-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F197608B	Adhesive	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
<b>F1.1a</b> F197609A	Vinyl Flooring	Heterogeneous Tan Fibrous Bound	25%	Cellulose	50%	Vinyl	25% Chrysotile
Layer 1 F197609B	Mastic	Homogeneous Yellow Non-fibrous Bound			95%	Mastic	5% Chrysotile
Lab Notes: Analyst opinion: Contamination from adjacent flooring							
Layer 2 F197609B	Mastic	Homogeneous Black Fibrous Bound	5%	Cellulose	92%	Mastic	3% Chrysotile
Lab Notes: Analyst opinion: Contamination from adjacent flooring							
<b>F1.1b</b> F197610	Sample Not Analyzed per COC						
<b>F1.1c</b> F197611	Sample Not Analyzed per COC						
<b>M9.1a</b> F197612A	Wall Tile	Homogeneous Pink Non-fibrous Bound			100%	Plastic	None Detected
F197612B	Adhesive	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected

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**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M9.1b</b> F197613A	Wall Tile	Homogeneous Black Non-fibrous Bound		100% Plastic	None Detected
F197613B	Adhesive	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
<b>M9.1c</b> F197614A	Wall Tile	Homogeneous Black Non-fibrous Bound		100% Plastic	None Detected
F197614B	Adhesive	Homogeneous Yellow Non-fibrous Bound	5% Talc	95% Mastic	None Detected
<b>M8.1a</b> F197615	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected
<b>M8.1b</b> F197616	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected
<b>M8.1c</b> F197617	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected

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104 E Broadway  
Helena, MT 59601

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**Date Reported:** 02-05-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M2.3a</b> F197618	Covebase	Homogeneous Gray Non-fibrous Bound		100% Vinyl	None Detected
<b>M2.3b</b> F197619	Covebase	Homogeneous Gray Non-fibrous Bound		100% Vinyl	None Detected
<b>M2.3c</b> F197620	Covebase	Homogeneous Gray Non-fibrous Bound		100% Vinyl	None Detected
<b>T12.1a</b> F197621	Insulation	Homogeneous Brown Fibrous Loosely Bound	100% Cellulose		None Detected
<b>T12.1b</b> F197622	Insulation	Homogeneous Brown Fibrous Loosely Bound	100% Cellulose		None Detected
<b>T12.1c</b> F197623	Insulation	Homogeneous Brown Fibrous Loosely Bound	100% Cellulose		None Detected
<b>M16.2a</b> F197624	Underlayment	Homogeneous Black Fibrous Bound	80% Cellulose	20% Tar	None Detected

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**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
M16.2b F197625	Underlayment	Homogeneous	80%	Cellulose	20%	Tar	None Detected
		Black					
		Fibrous					
		Bound					
M16.2c F197626	Underlayment	Homogeneous	80%	Cellulose	20%	Tar	None Detected
		Black					
		Fibrous					
		Bound					

---

**LEGEND:**

Non-Anth	= Non-Asbestiform Anthophyllite
Non-Trem	= Non-Asbestiform Tremolite
Calc Carb	= Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

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**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

---

**REGULATORY LIMIT:** >1% by weight

---

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*


This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

**ANALYST:**

  
 \_\_\_\_\_  
 Jordan Gray

**APPROVED BY:**

  
 \_\_\_\_\_  
 Tianbao Bai, Ph.D., CIH  
 Laboratory Director

730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-481-1442

## CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code: cÜAO0

CEI Lab I.D. Range: 0.001 - 1000.000

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Ryan McGee
Company: NewFields	Email / Tel: ryan.mcgee@newfields.com (406) 461-4040
Address: 104 E D'Arbo Road Helena, MT 59601	Project Name: ( ) , £ \ " ! 3 ? - ( ) \ ' .
Email: MHMDtlnrjlnn@newfields.com	Project ID#: " II
Tel: 406-461-4040 Fax: NA	PO #: Same as Project IDA
	STATE SAMPLES COLLECTED IN: MONTANA

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	QA	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	m	m	m	m
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 1D312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM 06480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER :		<input type="checkbox"/>	<input type="checkbox"/>	m	m	m	m

REMARKS / SPECIAL INSTRUCTIONS:

Accept Samples

Reject Samples

Point-count when < 1% Asbestos

Relinquished By:	Date/Time	Received By:	Date/Time
Michael Kelly	1/30/20 @ 17:00	Fed Ex Courier	1/30/20 @ 17:00

Samples will be disposed of 30 days after analysis



#	Description - Location
FG.1a ├.1b ├.1c	Gray Carpet tiles / Adhesive
S3.1a ├.1b ├.1c	Spray-on wall surfacing (org. Peel) - NE corner of office 3, 2 <sup>nd</sup> Floor - SE corner of office 1, 2 <sup>nd</sup> Floor - West wall of Break Rm. 1 <sup>st</sup> + 2 <sup>nd</sup> Floor
M2.1a	Brown Covebase and Beige Adhesive - NE corner of office 3, 2 <sup>nd</sup> Floor f office 1, 2 <sup>nd</sup> Floor
cj;t ├.2b ├.2c	sp<oy-0r> = •ll s•rS«ú«g é9<djuixr closet of office 2, 2 <sup>nd</sup> Floor - Entry closet, 2 <sup>nd</sup> Floor NW corner of NE Stairwell
M1.1a ├.1b ├.1c	White Drywall system - closet of office 2, 2 <sup>nd</sup> Floor - Entry closet, 2 <sup>nd</sup> Floor - NE corner of NE Stairwell
FG.2a ├.2b ├.2c	4r°'ž, &\tez <r&t/ßàŁ«iv= - closet of aTt;ce, 1L, 1nž Fl•oo km, \$ ** B
F?.1« ..)-.1c	White Floor Leveler - Kitchen/Sni M ) flnÄ B=bOT
M15.1a ├.1b ├.1c	FRP / Adhesive NE corner of RR 1, 2 <sup>nd</sup> Floor
q a) •lb	F°.uy -wo°ä <ßŠ\ tlo°r'.'•g žE rdY'&v of BMI-, r•6 tloö/•
M11.1a ├.1b ├.1c	Concrete around window wells - South end of West exterior - North side of West Exterior Same
27 HAS, 81 Samples Total	



# SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: NewFieldIs	Job Contact griff ML:Y«
Project Name: / PC Cl /mg@- i ç pÿ      ÿL /ç	Sample Date:,      g Qt      , CD CO
Project ID #:      "	Tel: (466) 461-40s

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	COMMENTS
M11.2a	concrete Foundation - window well at North side of N. Exterior		
1.2b	1 - SE corner of Exterior		
1.10	L - fric> s!à+n   b•x'l• b°*+cr.ro		
h1à.1ri	rnàer!n»mtn\ éb><'ü•ht(ai s(ä.)l--P.3<&-ri fi-. Exter.'8I*facs>le>°°°)		
M10.1a	Transite Sià'.n°j- SE ferner nt fxierA<-		
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1.1c	1 - SW corner of Exterior		
M7.1a	Window Glazing - East side of South Exterior		
1.1b	1 - center of West Exterior		
	1 - center of North Exterior		
F7.1<<	Fl•«ti•4 unàer *1=u>t/«SF k«s\L— v Es&it'ue\t		
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10 HAS, 30 Samples



February 10, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1404 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200106A

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on February 5, 2020. The samples were analyzed for asbestos using polarized light microscopy (PLM) point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is 0.25% for 400 point counts, or 0.1% for 1,000 point counts.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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# **ASBESTOS ANALYTICAL REPORT**

## **By: Polarized Light Microscopy**

Prepared for

**NewFields**

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CLIENT PROJECT: MT Heritage- 1404 8th Ave, 350.0493.000

LAB CODE: 6A200106A

TEST METHOD: PLM Point Count  
EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/10/20

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200106A  
**Date Received:** 02-05-20  
**Date Analyzed:** 02-10-20  
**Date Reported:** 02-10-20

**Project:** MT Heritage- 1404 8th Ave, 350.0493.000

## ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS		ASBESTOS	
			Total	Asbestos	%	
<b>M1.1A</b>	F197558	Joint Compound	400	22	5.5%	Chrysotile
	F197558	Drywall/Joint Compound	400		0.5	Chrysotile
<b>M1.1B</b>	F197559	Joint Compound	400	21	5.25%	Chrysotile
	F197559	Drywall/Joint Compound	400		0.5	Chrysotile



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**LEGEND:** None

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**METHOD:** EPA 600 / M4 / 82 / 020 (40 CFR Part 763, Sub. E, App. E)

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**REPORTING LIMIT:** 0.25% by 400 points or 0.1% by 1,000 points

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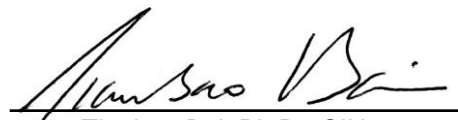
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**REGULATORY LIMIT:** >1% by weight

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This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. *Estimated measurement of uncertainty is available on request.* This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling.

**ANALYST:**  
Jordan Gray**APPROVED BY:**  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

February 5, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200107

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on January 31, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

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CLIENT PROJECT: MT Heritage- 1410 8th Ave, 350.0493.000

LAB CODE: 6A200107

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/05/20

TOTAL SAMPLES ANALYZED: 73

# SAMPLES >1% ASBESTOS: 3

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000 **LAB CODE:** 6A200107

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M1.1a		F197627	Gray,Off-white	Drywall/Joint Compound	Chrysotile <1%
M1.1b		F197628	Off-white,Tan	Drywall/Joint Compound	Chrysotile <1%
M1.1c		F197629	Off-white,Tan	Drywall/Joint Compound	None Detected
M2.1a		F197630A	Gray	Covebase	None Detected
	Layer 1	F197630B	Tan	Adhesive	None Detected
	Layer 2	F197630B	Beige	Adhesive	None Detected
	Layer 3	F197630B	Brown	Adhesive	None Detected
M2.1b		F197631A	Gray	Covebase	None Detected
	Layer 1	F197631B	Tan	Adhesive	None Detected
	Layer 2	F197631B	Beige	Adhesive	None Detected
	Layer 3	F197631B	Brown	Adhesive	None Detected
M2.1c		F197632A	Gray	Covebase	None Detected
		F197632B	Tan	Adhesive	None Detected
F6.1a		F197633A	Gray,Brown	Carpet Tile	None Detected
		F197633B	Tan	Carpet Adhesive	None Detected
F6.1b		F197634A	Gray,Black	Carpet Tile	None Detected
		F197634B	Tan	Carpet Adhesive	None Detected
F6.1c		F197635A	Gray,Black	Carpet Tile	None Detected
		F197635B	Clear	Carpet Adhesive	None Detected
F3.1a		F197636A	Tan,Off-white	Vinyl Floor Tile	Chrysotile 2%
		F197636B	Tan	Mastic	None Detected
F3.1b		F197637A		Sample Not Analyzed per COC	
		F197637B	Tan	Mastic	None Detected
F3.1c		F197638A		Sample Not Analyzed per COC	
		F197638B	Tan	Mastic	None Detected
F9.1a		F197639	Gray	Vinyl Flooring	None Detected
F9.1b		F197640	Gray	Vinyl Flooring	None Detected
F9.1c		F197641	Gray	Vinyl Flooring	None Detected
F3.2a		F197642A	Tan	Vinyl Floor Tile	Chrysotile 2%
		F197642B	Tan	Mastic	None Detected
F3.2b		F197643A		Sample Not Analyzed per COC	

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000 **LAB CODE:** 6A200107

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 1	F197643B	Tan	Mastic	None Detected
	Layer 2	F197643B	Tan	Mastic	None Detected
F3.2c		F197644A		Sample Not Analyzed per COC	
		F197644B	Tan	Mastic	None Detected
M2.2a		F197645A	Brown,Black	Covebase	None Detected
		F197645B	Brown,White	Adhesive	None Detected
M2.2b		F197646A	Brown	Covebase	None Detected
	Layer 1	F197646B	White,Cream	Adhesive	None Detected
	Layer 2	F197646B	Brown	Adhesive	None Detected
M2.2c		F197647A	Brown	Covebase	None Detected
		F197647B	White,Cream	Adhesive	None Detected
F6.2b		F197648A	Gray	Carpet	None Detected
		F197648B	Tan	Carpet Adhesive	None Detected
F6.2a		F197649A	Gray	Carpet	None Detected
		F197649B	Tan	Carpet Adhesive	None Detected
F6.2c		F197650A	Gray	Carpet	None Detected
		F197650B	Tan	Carpet Adhesive	None Detected
T13.1a		F197651	White,Yellow	Chill Seal	None Detected
T13.1b		F197652	White,Yellow	Chill Seal	None Detected
T13.1c		F197653	White,Yellow	Chill Seal	None Detected
M25.1a		F197654	Brown	Masonite Board	None Detected
M25.1b		F197655	Brown	Masonite Board	None Detected
M25.1c		F197656	Brown	Masonite Board	None Detected
M11.1a		F197657	Gray,Tan	Concrete	None Detected
M11.1b		F197658	Gray,Tan	Concrete	None Detected
M11.1c		F197659	Gray,Tan	Concrete	None Detected
M7.1a		F197660	Blue,Off-white	Glazing	None Detected
M7.1b		F197661	White,Off-white	Glazing	None Detected
M7.1c		F197662	Blue,Off-white	Glazing	None Detected
M10.1a		F197663	Tan,Gray	Transite	Chrysotile 15%
M10.1b		F197664		Sample Not Analyzed per COC	

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000 **LAB CODE:** 6A200107

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M10.1c		F197665		Sample Not Analyzed per COC	
M16.1a		F197666	Black,Brown	Underlayment	None Detected
M16.1b		F197667	Black,Brown	Underlayment	None Detected
M16.1c		F197668	Black,Brown	Underlayment	None Detected
M2.3a		F197669A	Brown	Covebase	None Detected
		F197669B	Tan,Cream	Adhesive	None Detected
M2.3b		F197670A	Brown	Covebase	None Detected
		F197670B	Tan,Cream	Adhesive	None Detected
M2.3c		F197671A	Brown	Covebase	None Detected
		F197671B	Tan,Cream	Adhesive	None Detected
F1.1a		F197672A	White,Tan	Vinyl Flooring	None Detected
		F197672B	Cream,Tan	Mastic	None Detected
F1.1b		F197673A	White,Tan	Vinyl Flooring	None Detected
		F197673B	Cream,Tan	Mastic	None Detected
F1.1c		F197674A	White,Tan	Vinyl Flooring	None Detected
		F197674B	Cream,Tan	Mastic	None Detected
M26.1a		F197675A	White	Fiberglass Reinforced Paneling	None Detected
		F197675B	White	Adhesive	None Detected
M26.1b		F197676A	White	Fiberglass Reinforced Paneling	None Detected
		F197676B	White	Adhesive	None Detected
M26.1c		F197677A	White	Fiberglass Reinforced Paneling	None Detected
		F197677B	White	Adhesive	None Detected
M1.2a		F197678	White,Gray	Drywall	None Detected
M1.2b		F197679	White,Beige	Drywall	Chrysotile <1%
M1.2c		F197680	White,Gray	Drywall	None Detected
M1.3a		F197681	White,Off-white	Drywall	None Detected
M1.3b		F197682	White,Gray	Drywall	Chrysotile <1%
M1.3c		F197683	White,Gray	Drywall	Chrysotile <1%
F2.1a		F197684	Blue,Gray	Vinyl Floor Tile	None Detected
F2.1b		F197685	Blue,Gray	Vinyl Floor Tile	None Detected
F2.2a		F197687	Beige,Gray	Vinyl Floor Tile	None Detected

**PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000 **LAB CODE:** 6A200107

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F2.2b		F197688	Beige,Gray	Vinyl Floor Tile	None Detected
F2.2c		F197689	Beige,Gray	Vinyl Floor Tile	None Detected
M9.1a	Layer 1	F197690	White	Ceramic Tile	None Detected
	Layer 2	F197690	White	Grout	None Detected
M9.1b	Layer 1	F197691	White	Ceramic Tile	None Detected
	Layer 2	F197691	White	Grout	None Detected
M9.1c	Layer 1	F197692	White	Ceramic Tile	None Detected
	Layer 2	F197692	White	Grout	None Detected
F2.3a		F197693	Brown,Tan	Vinyl Floor Tile	None Detected
F2.3b		F197694	Brown,Tan	Vinyl Floor Tile	None Detected
F2.3c		F197695	Brown,Tan	Vinyl Floor Tile	None Detected
F2.4a		F197696	Beige,Off-white	Vinyl Floor Tile	None Detected
F2.4b		F197697	Beige,Off-white	Vinyl Floor Tile	None Detected
F2.4c		F197698	Beige,Off-white	Vinyl Floor Tile	None Detected
F2.1c		F197699	Blue,Gray	Vinyl Floor Tile	None Detected
F5.1a		F197700	Tan	Mastic	None Detected
F5.1b		F197701	Tan	Mastic	None Detected
F5.1c		F197701.1	Tan	Mastic	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
M1.1a F197627	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	80%	Gypsum	<1% Chrysotile
		Gray,Off-white	<1%	Talc	5%	Calc Carb	
		Fibrous			<1%	Paint	
		Bound					
Lab Notes: 2% Chrysotile in joint compound only; <1% overall							
M1.1b F197628	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	80%	Gypsum	<1% Chrysotile
		Off-white,Tan	<1%	Talc	5%	Calc Carb	
		Fibrous			<1%	Paint	
		Bound					
Lab Notes: 2% Chrysotile in both joint compounds only; <1% overall							
M1.1c F197629	Drywall/Joint Compound	Heterogeneous	15%	Cellulose	80%	Gypsum	None Detected
		Off-white,Tan			5%	Calc Carb	
		Fibrous			<1%	Paint	
		Bound					
M2.1a F197630A	Covebase	Homogeneous			90%	Vinyl	None Detected
		Gray			10%	Silicates	
		Non-fibrous					
		Bound					
Layer 1 F197630B	Adhesive	Homogeneous			100%	Mastic	None Detected
		Tan					
		Non-fibrous					
		Bound					
Layer 2 F197630B	Adhesive	Homogeneous			100%	Mastic	None Detected
		Beige					
		Non-fibrous					
		Bound					
Layer 3 F197630B	Adhesive	Homogeneous	3%	Talc	97%	Mastic	None Detected
		Brown					
		Non-fibrous					
		Bound					

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

## ASBESTOS BULK PLM, EPA 600 METHOD

Page 2 of 17

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
F197633B	Carpet Adhesive	Homogeneous Tan Non-fibrous Bound		100% Mastic	None Detected
<b>F6.1b</b> F197634A	Carpet Tile	Heterogeneous Gray,Black Fibrous Bound	75% 5%	Synthetic Fiber 20% Fiberglass	Binder None Detected
F197634B	Carpet Adhesive	Homogeneous Tan Non-fibrous Bound		100% Mastic	None Detected
<b>F6.1c</b> F197635A	Carpet Tile	Heterogeneous Gray,Black Fibrous Bound	75% 5%	Synthetic Fiber 20% Fiberglass	Binder None Detected
F197635B	Carpet Adhesive	Homogeneous Clear Non-fibrous Bound		100% Mastic	None Detected
<b>F3.1a</b> F197636A	Vinyl Floor Tile	Homogeneous Tan,Off-white Non-fibrous Tightly Bound		88% 10% Vinyl Silicates	<b>2% Chrysotile</b>
F197636B	Mastic	Homogeneous Tan Non-fibrous Bound		100% Mastic	None Detected
<b>F3.1b</b> F197637A	Sample Not Analyzed per COC				

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F197637B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>F3.1c</b> F197638A	Sample Not Analyzed per COC						
F197638B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>F9.1a</b> F197639	Vinyl Flooring	Heterogeneous Gray Non-fibrous Tightly Bound	5%	Fiberglass	95%	Vinyl	None Detected
<b>F9.1b</b> F197640	Vinyl Flooring	Heterogeneous Gray Non-fibrous Tightly Bound	5%	Fiberglass	95%	Vinyl	None Detected
<b>F9.1c</b> F197641	Vinyl Flooring	Heterogeneous Gray Non-fibrous Tightly Bound	5%	Fiberglass	95%	Vinyl	None Detected
<b>F3.2a</b> F197642A	Vinyl Floor Tile	Homogeneous Tan Non-fibrous Tightly Bound			98%	Vinyl	2% Chrysotile
F197642B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous		Non-Fibrous	
F3.2b F197643A	Sample Not Analyzed per COC					
Layer 1 F197643B	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic		None Detected
Layer 2 F197643B	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic		None Detected
F3.2c F197644A	Sample Not Analyzed per COC					
F197644B	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic		None Detected
M2.2a F197645A	Covebase	Homogeneous Brown,Black Non-fibrous Bound	85% 15%	Vinyl Silicates		None Detected
F197645B	Adhesive	Heterogeneous Brown,White Non-fibrous Bound	5% 90% 5%	Talc Mastic Paint		None Detected
M2.2b F197646A	Covebase	Homogeneous Brown Non-fibrous Bound	85% 15%	Vinyl Silicates		None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous		Non-Fibrous	
Layer 1 F197646B	Adhesive	Homogeneous White, Cream Non-fibrous Bound			100% Mastic	None Detected
Layer 2 F197646B	Adhesive	Homogeneous Brown Non-fibrous Bound	5%	Talc	95% Mastic	None Detected
<b>M2.2c</b> F197647A	Covebase	Homogeneous Brown Non-fibrous Bound			85% Vinyl 15% Silicates	None Detected
F197647B	Adhesive	Homogeneous White, Cream Non-fibrous Bound			100% Mastic	None Detected
<b>F6.2b</b> F197648A	Carpet	Heterogeneous Gray Fibrous Bound	80%	Synthetic Fiber 20%	Binder	None Detected
F197648B	Carpet Adhesive	Homogeneous Tan Non-fibrous Bound	2%	Synthetic Fiber 98%	Mastic	None Detected
<b>F6.2a</b> F197649A	Carpet	Heterogeneous Gray Fibrous Bound	80%	Synthetic Fiber 20%	Binder	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F197649B	Carpet Adhesive	Homogeneous Tan Non-fibrous Bound	2%	Synthetic Fiber	98%	Mastic	None Detected
<b>F6.2c</b> F197650A	Carpet	Heterogeneous Gray Fibrous Bound	80%	Synthetic Fiber	20%	Binder	None Detected
F197650B	Carpet Adhesive	Homogeneous Tan Non-fibrous Bound	2%	Synthetic Fiber	98%	Mastic	None Detected
<b>T13.1a</b> F197651	Chill Seal	Heterogeneous White,Yellow Fibrous Bound	20% 7%	Fiberglass Talc	63% 5% 5%	Binder Metal Foil Silicates	None Detected
<b>T13.1b</b> F197652	Chill Seal	Heterogeneous White,Yellow Fibrous Bound	20% 7%	Fiberglass Talc	63% 5% 5%	Binder Metal Foil Silicates	None Detected
<b>T13.1c</b> F197653	Chill Seal	Heterogeneous White,Yellow Fibrous Bound	20% 7%	Fiberglass Talc	63% 5% 5%	Binder Metal Foil Silicates	None Detected
<b>M25.1a</b> F197654	Masonite Board	Homogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Paint	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
M25.1b F197655	Masonite Board	Homogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Paint	None Detected
M25.1c F197656	Masonite Board	Homogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Paint	None Detected
M11.1a F197657	Concrete	Heterogeneous Gray,Tan Non-fibrous Bound			65% 35% <1%	Silicates Binder Paint	None Detected
M11.1b F197658	Concrete	Heterogeneous Gray,Tan Non-fibrous Bound			65% 35% <1%	Silicates Binder Paint	None Detected
M11.1c F197659	Concrete	Heterogeneous Gray,Tan Non-fibrous Bound			65% 35% <1%	Silicates Binder Paint	None Detected
M7.1a F197660	Glazing	Heterogeneous Blue,Off-white Non-fibrous Bound			10% 85% 5%	Silicates Binder Paint	None Detected
M7.1b F197661	Glazing	Heterogeneous White,Off-white Non-fibrous Bound			10% 85% 5%	Silicates Binder Paint	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M7.1c F197662	Glazing	Heterogeneous Blue,Off-white Non-fibrous Bound	2%	Talc	10% 83% 5%	Silicates Binder Paint	None Detected
M10.1a F197663	Transite	Heterogeneous Tan,Gray Fibrous Bound			85% <1%	Binder Paint	15% Chrysotile
M10.1b F197664	Sample Not Analyzed per COC						
M10.1c F197665	Sample Not Analyzed per COC						
M16.1a F197666	Underlayment	Homogeneous Black,Brown Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
M16.1b F197667	Underlayment	Homogeneous Black,Brown Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
M16.1c F197668	Underlayment	Homogeneous Black,Brown Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
M2.3a F197669A	Covebase	Homogeneous Brown Non-fibrous Bound			85% 15%	Vinyl Silicates	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
F197669B	Adhesive	Homogeneous Tan,Cream Non-fibrous Bound			100%	Mastic	None Detected
<b>M2.3b</b> F197670A	Covebase	Homogeneous Brown Non-fibrous Bound			85% 15%	Vinyl Silicates	None Detected
F197670B	Adhesive	Homogeneous Tan,Cream Non-fibrous Bound			100%	Mastic	None Detected
<b>M2.3c</b> F197671A	Covebase	Homogeneous Brown Non-fibrous Bound			85% 15%	Vinyl Silicates	None Detected
F197671B	Adhesive	Homogeneous Tan,Cream Non-fibrous Bound			100%	Mastic	None Detected
<b>F1.1a</b> F197672A	Vinyl Flooring	Heterogeneous White,Tan Fibrous Bound	15% 10%	Cellulose Fiberglass	50% 25%	Vinyl Binder	None Detected
F197672B	Mastic	Homogeneous Cream,Tan Non-fibrous Bound			100%	Mastic	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
F1.1b F197673A	Vinyl Flooring	Heterogeneous	15%	Cellulose	50%	Vinyl	None Detected
		White,Tan	10%	Fiberglass	25%	Binder	
		Fibrous Bound					
F197673B	Mastic	Homogeneous			100%	Mastic	None Detected
		Cream,Tan					
		Non-fibrous					
		Bound					
F1.1c F197674A	Vinyl Flooring	Heterogeneous	15%	Cellulose	50%	Vinyl	None Detected
		White,Tan	10%	Fiberglass	25%	Binder	
		Fibrous Bound					
F197674B	Mastic	Homogeneous			100%	Mastic	None Detected
		Cream,Tan					
		Non-fibrous					
		Bound					
M26.1a F197675A	Fiberglass Reinforced Paneling	Homogeneous	50%	Fiberglass	50%	Vinyl	None Detected
		White					
		Fibrous Bound					
F197675B	Adhesive	Homogeneous			100%	Mastic	None Detected
		White					
		Non-fibrous					
		Bound					
M26.1b F197676A	Fiberglass Reinforced Paneling	Homogeneous	50%	Fiberglass	50%	Vinyl	None Detected
		White					
		Fibrous Bound					

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F197676B	Adhesive	Homogeneous White Non-fibrous Bound			100% Mastic		None Detected
<b>M26.1c</b> F197677A	Fiberglass Reinforced Paneling	Homogeneous White Fibrous Bound	50%	Fiberglass	50%	Vinyl	None Detected
F197677B	Adhesive	Homogeneous White Non-fibrous Bound			100% Mastic		None Detected
<b>M1.2a</b> F197678	Drywall	Heterogeneous White, Gray Fibrous Bound	5% 15%	Fiberglass Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
<b>M1.2b</b> F197679	Drywall	Heterogeneous White, Beige Fibrous Bound	5% 15%	Fiberglass Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in both joint compounds only; <1% overall							
<b>M1.2c</b> F197680	Drywall	Heterogeneous White, Gray Fibrous Bound	5% 15%	Fiberglass Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
<b>M1.3a</b> F197681	Drywall	Heterogeneous White, Off-white Fibrous Bound	<1% 15%	Talc Cellulose	80% 5% <1%	Gypsum Calc Carb Paint	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M1.3b</b> F197682	Drywall	Heterogeneous White, Gray Fibrous Bound	<1% 15%	Talc Cellulose	80% 5% <1%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound only; <1% overall							
<b>M1.3c</b> F197683	Drywall	Heterogeneous White, Gray Fibrous Bound	<1% 15%	Talc Cellulose	80% 5% <1%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound only; <1% overall							
<b>F2.1a</b> F197684	Vinyl Floor Tile	Homogeneous Blue, Gray Non-fibrous Tightly Bound			85% 15%	Vinyl Silicates	None Detected
<b>F2.1b</b> F197685	Vinyl Floor Tile	Homogeneous Blue, Gray Non-fibrous Tightly Bound			85% 15%	Vinyl Silicates	None Detected
<b>F2.2a</b> F197687	Vinyl Floor Tile	Homogeneous Beige, Gray Non-fibrous Tightly Bound			85% 15%	Vinyl Silicates	None Detected
<b>F2.2b</b> F197688	Vinyl Floor Tile	Homogeneous Beige, Gray Non-fibrous Tightly Bound			85% 15%	Vinyl Silicates	None Detected
<b>F2.2c</b> F197689	Vinyl Floor Tile	Homogeneous Beige, Gray Non-fibrous Tightly Bound			85% 15%	Vinyl Silicates	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M9.1a</b> Layer 1 F197690	Ceramic Tile	Heterogeneous White Non-fibrous Bound	70% 30%	Silicates Binder	None Detected
Layer 2 F197690	Grout	Homogeneous White Non-fibrous Bound	70% 30%	Binder Calc Carb	None Detected
<b>M9.1b</b> Layer 1 F197691	Ceramic Tile	Heterogeneous White Non-fibrous Bound	70% 30%	Silicates Binder	None Detected
Layer 2 F197691	Grout	Homogeneous White Non-fibrous Bound	70% 30%	Binder Calc Carb	None Detected
<b>M9.1c</b> Layer 1 F197692	Ceramic Tile	Heterogeneous White Non-fibrous Bound	70% 30%	Silicates Binder	None Detected
Layer 2 F197692	Grout	Homogeneous White Non-fibrous Bound	70% 30%	Binder Calc Carb	None Detected
<b>F2.3a</b> F197693	Vinyl Floor Tile	Homogeneous Brown, Tan Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>F2.3b</b> F197694	Vinyl Floor Tile	Homogeneous Brown, Tan Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected
<b>F2.3c</b> F197695	Vinyl Floor Tile	Homogeneous Brown, Tan Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected
<b>F2.4a</b> F197696	Vinyl Floor Tile	Homogeneous Beige, Off-white Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected
<b>F2.4b</b> F197697	Vinyl Floor Tile	Homogeneous Beige, Off-white Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected
<b>F2.4c</b> F197698	Vinyl Floor Tile	Homogeneous Beige, Off-white Non-fibrous Tightly Bound	85% 15%	Vinyl Binder	None Detected
<b>F2.1c</b> F197699	Vinyl Floor Tile	Homogeneous Blue, Gray Non-fibrous Tightly Bound	85% 15%	Vinyl Silicates	None Detected
<b>F5.1a</b> F197700	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107  
**Date Received:** 01-31-20  
**Date Analyzed:** 02-05-20  
**Date Reported:** 02-05-20

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>F5.1b</b> F197701	Mastic	Homogeneous	100%	Mastic	None Detected
		Tan			
		Non-fibrous			
		Bound			
<b>F5.1c</b> F197701.1	Mastic	Homogeneous	100%	Mastic	None Detected
		Tan			
		Non-fibrous			
		Bound			

---

**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                     Non-Trem      = Non-Asbestiform Tremolite  
                     Calc Carb      = Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

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**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

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**REGULATORY LIMIT:** >1% by weight

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Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

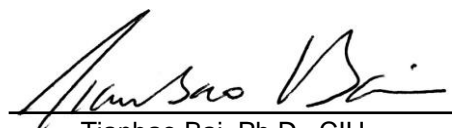
Information provided by customer includes customer sample ID and sample description.

**ANALYST:**

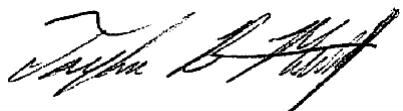


Dana Roach

**APPROVED BY:**



Tianbao Bai, Ph.D., CIH  
Laboratory Director



Taylor B. Metcalf

CEI

730 SE Maynard Road, Cary, NC 27511

Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:

CEI Lab Code: 6A200107

CEI Lab I.D. Range: H97627-701.1

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Rynn McGee
Company: NewFields	Email/Tel: 17M<:CL:<(*)}Nc'wFields.cont (406) 4G1-40a
Address: U4 E BTJc\ttV#ay	Project Name: MT Heritage - 1410 8th Ave.
Helena, MT 59601	Proe D Ú " ? "Ú Ü*L"
Email: MI-Huntington@newfields.con	PO #: S»nle as Project ID#
Tel: 406—443-355G Fax: NA	STATE SAMPLES COLLECTED iN: MONTANA

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

QS	MCD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	DAY	5 DAY
PLM B	EPA 600			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT ( 1000)	EPA 600			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIEL D			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05 (2010)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 20t 4)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CIHCHNATI METHOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## REMARKS / SPECIAL INSTRUCTIONS:

- Positive-Stop Analysis
- Point-count if less than 1% Asbestos

☒ accept Samples  
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Michael Kelly	1/30/20 @ 17:00	Red EX carrier	1/30/20 @ 17:00
			1-31-20 10:45

Samples will be disposed of 30 days after analysis

COMPANY CONTACT INFORMATION	
Company: NewFields	Job Contact: Michael Kelly
Project Name: M1 Heritage - 1410 8th Ave.	Sample Date: 21, 2020
Project ID Cf:	Tai: (607)317-2824

SAMPLE ID#	DESCRIPTION - LOCATION
* M2.1	Grx't Tö - æSe oIL In, & i« hr° w» @ Lti° - JtrAE° R <v> E1wJ
1.1b	- Storage Rm / Basement
1.1c	- Lorch Rm (sw), Upper Floor
✓ F6.1a	Gray Carpet tiles & Adhesive - center Basement Draft Rm
1.1b	- NE Elec. Rm, Basement
1.1c	- NW corner of N-S Hall, Upper Floor
-v AE1 tu	ann o" v FT 6 Rh>ur - R°ar°»¥ \ærf d>sel
1.1b	- Upper Floor, SE RR 3
1.1c	- 5«••e.-
✓ F3.2a	4n.xstH6 4" vrT - TPo1 R= @ ôloset, ga&men4
1.2b	- \k'»n ntiimse P« /E<ûr'+3 >r«r•äil
1.2c	- L- - 6>set•e*t P«:•t s4ta«e,,thaat &s
✓ M2.2a	Brown /ovebase with Brown, White Adhesive - Tol Rm closet Basement
1.2b	- s<, bu** vi* Fi•i
1.2c	- zi.f   rn ussorriooi-
✓ F6.2a	Gray f•r\ét &At¥eSiz - ha%»ent slors-s<vR'n   r-'lw   st«ræh
1.2b	- Basement Paint Storage Rm, Shared bag
1.2c	
T1t.14	Ct'ill 5e*\ - B•4°enL, kAch &w\ ,
1.1b	
1.1c	

10 HAs 25 total  
75 total

SAMPLE ID#	DESCRIPTION - LOCATION
M11.1a	Concrete Foundation - NE Exterior Corner
1.1b	1 - SE Exterior corner, 11
1.1c	1 - SW Exterior corner
	çuînàow Alx7.'n4 - U•rtL S a• äs esl Rl. 4il u'»äsw
	1 " -Met °xî«r °r °ç To=î Pm
1.1c	" E 0 I/• Æ4r îOr öl COxMO f\fi f*\. ?r«n 'b4 S',ä:•l« - u<t e*Ft* onS°•Yi exL 1
1.1b	1 - SW Exterior corner
1.1c	1 - NW Exterior corner Shared ba
M16.1a	wall underlayment - west entry on South ext. 1
1.1b	1 - SW Exterior corner
1.1c	1 - NW Exterior corner
k2,Gm	Bfnun d" Æ7+&<& v <ve - P«inF &l Ro
1.5b	1 -Palo- NJt finnCs>.J-k)
-L	1 - same
1.1S	Can n"s«ua<°Yd4r+ VSM - SE corner RR 2, Basement
1.1b	1 - NE corner of RR 2, Basement
-IN	- €à» ce l°t rL klä .&sement
l41\c..s\	W\.-° FLP w/ r«tile náls"*æ -Pal*ihíX R<S,&iprjen-°
1.1b	1 -
1.1r	1 -
Al.är	4ra*+ædr«aà sn5\« <orlL'•a\  P.   A.Y Rm, &sen+
1.1b	o*'=4\  I - şaa«e
1.2c	1 - Same
M1.3a	White Drywall System - SW corner, Hallway, upper floor
1.3b	1 - SE corner of RR 3, upper floor
•	-*- -An Cøerót Sh»««oP.. e9Per F&r
F.1=	II" Blue Not+I6 vFT- »E User. Lobbl ,uPer Pgr
1.1°	°**°+4» - Sk r>°4FP  - bíbl' <JPper yær

10 HAS

Tel: (907)317—2924

VERSION CGOC.0112.Z/2.LD  
Customer COC Page 2



February 10, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- 1410 8th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200107A

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on February 5, 2020. The samples were analyzed for asbestos using polarized light microscopy (PLM) point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is 0.25% for 400 point counts, or 0.1% for 1,000 point counts.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

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# **ASBESTOS ANALYTICAL REPORT**

## **By: Polarized Light Microscopy**

Prepared for

**NewFields**

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CLIENT PROJECT: MT Heritage- 1410 8th Ave, 350.0493.000

LAB CODE: 6A200107A

TEST METHOD: PLM Point Count  
EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE:

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200107A  
**Date Received:** 02-05-20  
**Date Analyzed:** 02-10-20  
**Date Reported:**

**Project:** MT Heritage- 1410 8th Ave, 350.0493.000

## ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS		ASBESTOS %	
			Total	Asbestos		
<del>M1.1a</del>	<del>F197627.1</del>	<del>Joint Compound</del>	<del>400</del>	<del>5</del>	<del>1.3%</del>	<del>Chrysotile</del>
M1.1a	F197627.2	Drywall/Joint Compound (Composite Result from Point Count)	400		0.06%	Chrysotile
Lab Notes: Joint compound is 5% of the overall sample.						
<del>M1.1b</del>	<del>F197628.1</del>	<del>Joint Compound</del>	<del>400</del>	<del>8</del>	<del>2%</del>	<del>Chrysotile</del>
M1.1b	F197628.2	Drywall/Joint Compound (Composite Result from Point Count)	400		0.1%	Chrysotile
Lab Notes: Joint compound is 5% of the overall sample.						
<del>M1.2b</del>	<del>F197679.1</del>	<del>Joint Compound</del>	<del>400</del>	<del>6</del>	<del>1.5%</del>	<del>Chrysotile</del>
M1.2b	F197679.2	Drywall/Joint Compound (Composite Result from Point Count)	400		0.08%	Chrysotile
Lab Notes: Joint compound is 5% of the overall sample.						
M1.3b	F197682.1	Joint Compound	400	6	1.5%	Chrysotile
M1.3b	F197682.2	Drywall/Joint Compound (Composite Result from Point Count)	400		0.08%	Chrysotile
Lab Notes: Joint compound is 5% of the overall sample.						
<del>M1.3c</del>	<del>F197683.1</del>	<del>Joint Compound</del>	<del>400</del>	<del>7</del>	<del>1.75%</del>	<del>Chrysotile</del>
M1.3c	F197683.2	Drywall/Joint Compound (Composite Result from Point Count)	400		0.09%	Chrysotile
Lab Notes: Joint compound is 5% of the overall sample.						

---

**LEGEND:** None

---

---

**METHOD:** EPA 600 / M4 / 82 / 020 (40 CFR Part 763, Sub. E, App. E)

---

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**REPORTING LIMIT:** 0.25% by 400 points or 0.1% by 1,000 points

---

---

**REGULATORY LIMIT:** >1% by weight

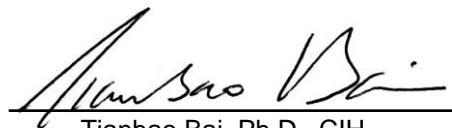
---

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Information provided by customer includes customer sample ID, location, volume and area as well as date and time of sampling.

**ANALYST:**

Dana Roach

**APPROVED BY:**Tianbao Bai, Ph.D., CIH  
Laboratory Director

February 12, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage-1410 8Th Ave, 350.0493.000  
**CEI LAB CODE:** 6A200148

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 10, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

---

CLIENT PROJECT: MT Heritage-1410 8Th Ave, 350.0493.000

LAB CODE: 6A200148

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/12/20

TOTAL SAMPLES ANALYZED: 10

# SAMPLES >1% ASBESTOS: 2

**PROJECT:** MT Heritage-1410 8Th Ave, 350.0493.000 **LAB CODE:** 6A200148

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
T12.1a		F198308	Brown	Insulation	None Detected
T12.1b		F198309	Brown	Insulation	None Detected
T12.1c		F198310	Brown	Insulation	None Detected
F2.5a		F198311A	Gray,Green	Vinyl Floor Tile	Chrysotile 5%
		F198311B	Yellow	Mastic	Chrysotile 2%
T14.1a		F198312	Brown,Black	Insulation	None Detected
T14.1b		F198313	Brown,Black	Insulation	None Detected
T14.1c		F198314	Brown,Black	Insulation	None Detected
R3.1a	Layer 1	F198315	Gray,Black	Roof Shingle	None Detected
	Layer 2	F198315	Black	Underlayment	None Detected
R3.1b	Layer 1	F198316	Gray,Black	Roof Shingle	None Detected
	Layer 2	F198316	Black	Underlayment	None Detected
R3.1c	Layer 1	F198317	Gray,Black	Roof Shingle	None Detected
	Layer 2	F198317	Black	Underlayment	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200148  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-12-20  
**Date Reported:** 02-12-20

**Project:** MT Heritage-1410 8Th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous	Non-Fibrous			
<b>T12.1a</b> F198308	Insulation	Homogeneous Brown Fibrous Loose	50% 50%	Cellulose Ceramic Wool			None Detected
<b>T12.1b</b> F198309	Insulation	Homogeneous Brown Fibrous Loose	100%	Cellulose			None Detected
<b>T12.1c</b> F198310	Insulation	Homogeneous Brown Fibrous Loose	100%	Cellulose			None Detected
<b>F2.5a</b> F198311A	Vinyl Floor Tile	Homogeneous Gray,Green Non-fibrous Bound			95% Vinyl		5% Chrysotile
F198311B	Mastic	Homogeneous Yellow Non-fibrous Bound	5%	Cellulose	93%	Mastic	2% Chrysotile
<b>T14.1a</b> F198312	Insulation	Heterogeneous Brown,Black Fibrous Loosely Bound	30% 55%	Ceramic Wool Cellulose	10% 5%	Metal Foil Mastic	None Detected
<b>T14.1b</b> F198313	Insulation	Heterogeneous Brown,Black Fibrous Loosely Bound	30% 55%	Ceramic Wool Cellulose	10% 5%	Metal Foil Mastic	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200148  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-12-20  
**Date Reported:** 02-12-20

**Project:** MT Heritage-1410 8Th Ave, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>T14.1c</b> F198314	Insulation	Heterogeneous Brown,Black Fibrous Loosely Bound	30% 55%	Ceramic Wool Cellulose	10% 5%	Metal Foil Mastic	None Detected
<b>R3.1a</b> Layer 1 F198315	Roof Shingle	Heterogeneous Gray,Black Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198315	Underlayment	Heterogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected
<b>R3.1b</b> Layer 1 F198316	Roof Shingle	Heterogeneous Gray,Black Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198316	Underlayment	Heterogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected
<b>R3.1c</b> Layer 1 F198317	Roof Shingle	Heterogeneous Gray,Black Fibrous Bound	50%	Fiberglass	10% 40%	Gravel Tar	None Detected
Layer 2 F198317	Underlayment	Heterogeneous Black Fibrous Bound	50%	Fiberglass	10% 40%	Silicates Tar	None Detected

---

**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                  Non-Trem      = Non-Asbestiform Tremolite  
                  Calc Carb     = Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

---

**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

---

**REGULATORY LIMIT:** >1% by weight

---

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*


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Information provided by customer includes customer sample ID and sample description.

**ANALYST:** \_\_\_\_\_

  
Jordan Gray

**APPROVED BY:** \_\_\_\_\_

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

730 SE Maynard Road. Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:

CEI Lab Code: 1/f â/ Â · Ñ/@Â// Ÿ

CEI Lab I.D. Range:

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Michael Kelly
Company: New Fields	Email / Tel: MKe1lyÇrçJNewFields.com (507)317-2924
Address: /0U SW I-Higgins Avø., Sta. 15	Project Name: MT Fieritage - 1410 8th Ave
Missoula, MT 5980?	Project ID#: 350.0493.000
Email: MHuntington@ncwfield .com	no . Same as Project Idf/
Tel: 4UC-JJ 3-3 ?6 Fax: NA	STATE SAMPLES COLLECTED IN: MONTANA

II- TA T IS NOT MAR I-fED STANDARD 3 DA Y TA T APPUIES.

Analog	METHOD	TURN AROUND TIME				
		4 HR	8 HR	1 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PENITENT COUNT (400)	EPA 600			rl	m	m
PLM POINT COUNT ( 1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM 06480-05 (2010)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTk1 D57S5-OP (201\)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7S21-16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCIHNAT1 METHOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITTATIVE	IN-HOUSE METHOD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## REMARKS / SPECIAL INSTRUCTIONS:

Use positive-stop analysis

Use point count analysis tor results between ND and 1"/

Accept Samples

Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Michael kelly	2/7/2020 @17:00	FedEx Courier	2/7/2020 @17:00

Samples will be d/sposed of 30 days after analysis



## SAMPLING FORM

[illegible]

Page 2 of 2

February 12, 2020

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** MT Heritage- Warehouses, 350.0493.000  
**CEI LAB CODE:** 6A200150

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 10, 2020. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH  
Laboratory Director

---

## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**NewFields**

---

CLIENT PROJECT: MT Heritage- Warehouses, 350.0493.000

LAB CODE: 6A200150

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/12/20

TOTAL SAMPLES ANALYZED: 15

# SAMPLES >1% ASBESTOS:

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** MT Heritage- Warehouses, 350.0493.000    **LAB CODE:** 6A200150

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
R3.1A	Layer 1	F198321	Black,Brown	Roof Shingle	None Detected
	Layer 2	F198321	Black	Underlayment	None Detected
R3.1B	Layer 1	F198322	Black,Gray	Roof Shingle	None Detected
	Layer 2	F198322	Black	Underlayment	None Detected
R3.1C	Layer 1	F198323	Black,Gray	Roof Shingle	None Detected
	Layer 2	F198323	Black	Underlayment	None Detected
T14.1A		F198324	Brown,Gray	Insulation	None Detected
T14.1B		F198325	Gray,Brown	Insulation	None Detected
T14.1C		F198326	Gray,Brown	Insulation	None Detected
M11.1A		F198327	Gray	Concrete	None Detected
M11.1B		F198328	Gray	Concrete	None Detected
M11.1C		F198329	Gray	Concrete	None Detected
M19.1A		F198330	Gray	Duct Sealant	None Detected
M19.1B		F198331	Gray	Duct Sealant	None Detected
M19.1C		F198332	Gray	Duct Sealant	None Detected
M1.1A		F198333	White,Off-white	Drywall/Joint Compound	None Detected
M1.1B		F198334	White,Off-white	Drywall/Joint Compound	None Detected
M1.1C		F198335	White,Off-white	Drywall/Joint Compound	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200150  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-12-20  
**Date Reported:** 02-12-20

**Project:** MT Heritage- Warehouses, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R3.1A</b> Layer 1 F198321	Roof Shingle	Heterogeneous Black,Brown Fibrous Bound	50%	Fiberglass	10%	Gravel Tar	None Detected
Layer 2 F198321	Underlayment	Homogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar Silicates	None Detected
<b>R3.1B</b> Layer 1 F198322	Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	50%	Fiberglass	10%	Gravel Tar	None Detected
Layer 2 F198322	Underlayment	Homogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar Silicates	None Detected
<b>R3.1C</b> Layer 1 F198323	Roof Shingle	Heterogeneous Black,Gray Fibrous Bound	50%	Fiberglass	10%	Gravel Tar	None Detected
Layer 2 F198323	Underlayment	Homogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar Silicates	None Detected
<b>T14.1A</b> F198324	Insulation	Heterogeneous Brown,Gray Fibrous Loosely Bound	50%	Ceramic Wool Cellulose	10% 5%	Tar Metal Foil	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200150  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-12-20  
**Date Reported:** 02-12-20

**Project:** MT Heritage- Warehouses, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
<b>T14.1B</b> F198325	Insulation	Heterogeneous Gray,Brown Fibrous Loosely Bound	50%	Ceramic Wool	10%	Tar	None Detected
			35%	Cellulose	5%	Metal Foil	
<b>T14.1C</b> F198326	Insulation	Heterogeneous Gray,Brown Fibrous Loosely Bound	50%	Ceramic Wool	10%	Tar	None Detected
			35%	Cellulose	5%	Metal Foil	
<b>M11.1A</b> F198327	Concrete	Homogeneous Gray Non-fibrous Tightly Bound			50%	Binder	None Detected
					50%	Silicates	
<b>M11.1B</b> F198328	Concrete	Homogeneous Gray Non-fibrous Tightly Bound			50%	Binder	None Detected
					50%	Silicates	
<b>M11.1C</b> F198329	Concrete	Homogeneous Gray Non-fibrous Tightly Bound			50%	Binder	None Detected
					50%	Silicates	
<b>M19.1A</b> F198330	Duct Sealant	Homogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
<b>M19.1B</b> F198331	Duct Sealant	Homogeneous Gray Non-fibrous Bound			100%	Binder	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** 6A200150  
**Date Received:** 02-10-20  
**Date Analyzed:** 02-12-20  
**Date Reported:** 02-12-20

**Project:** MT Heritage- Warehouses, 350.0493.000

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
M19.1C F198332	Duct Sealant	Homogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
M1.1A F198333	Drywall/Joint Compound	Heterogeneous White,Off-white Fibrous Bound	15% 5%	Cellulose Fiberglass	5% 10% 65%	Paint Calc Carb Gypsum	None Detected
M1.1B F198334	Drywall/Joint Compound	Heterogeneous White,Off-white Fibrous Bound	15% 5%	Cellulose Fiberglass	5% 10% 65%	Paint Calc Carb Gypsum	None Detected
M1.1C F198335	Drywall/Joint Compound	Heterogeneous White,Off-white Fibrous Bound	15% 5%	Cellulose Fiberglass	5% 10% 65%	Paint Calc Carb Gypsum	None Detected

---

**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                  Non-Trem      = Non-Asbestiform Tremolite  
                  Calc Carb      = Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

---

**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

---

**REGULATORY LIMIT:** >1% by weight

---

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*


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Information provided by customer includes customer sample ID and sample description.

**ANALYST:**

  
Jordan Gray

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412: Fax: 919-481-1442

LAB USB ONLY:
CEI Lab Coda:
CEI Lab I.D. Range: 4 / J / " Y/O / J

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Miuliat Kelly
Company: NOWF ICICIS	Email / Tel: MKEIL JNCwFiOlds (907)317-2924
Address: /O0 SW HI@ @IIS Ave , Set 1a	Project Name: MT Heritage - Warehouses
Missoula , MT 59803	Project ID#: 3Ü0.0453.000
Email: MHuntington@newfields.com	PO g. Sijtje z û Project ID#
Tel: 40G-443-355G Fax- NA	STATE SAMPLES COLLECTED IN: MONTANA

IF TA7/IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	MEYHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	DAO	3 DAY	5 DAY
QB	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM 06480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTU D175? (JB f2(11•1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALM TTATIVE	IN-HOUSE METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:			Accept Samples
Use positive—stop analysis			Reject Samples
Use point count analysis for results between ND and 1"Â			
Relinquished By:	Date/Time	Recalved By:	Date/Time
Michael Kelly	2/7/2020 @17:00	FedEx Courier	2/7/2020 @17:00

Samp/es wiJ/ be disposed of 30 days after analysis

VERSION CCOC.0112.Z/2.LD  
Customer COC Page 2

## **APPENDIX C**

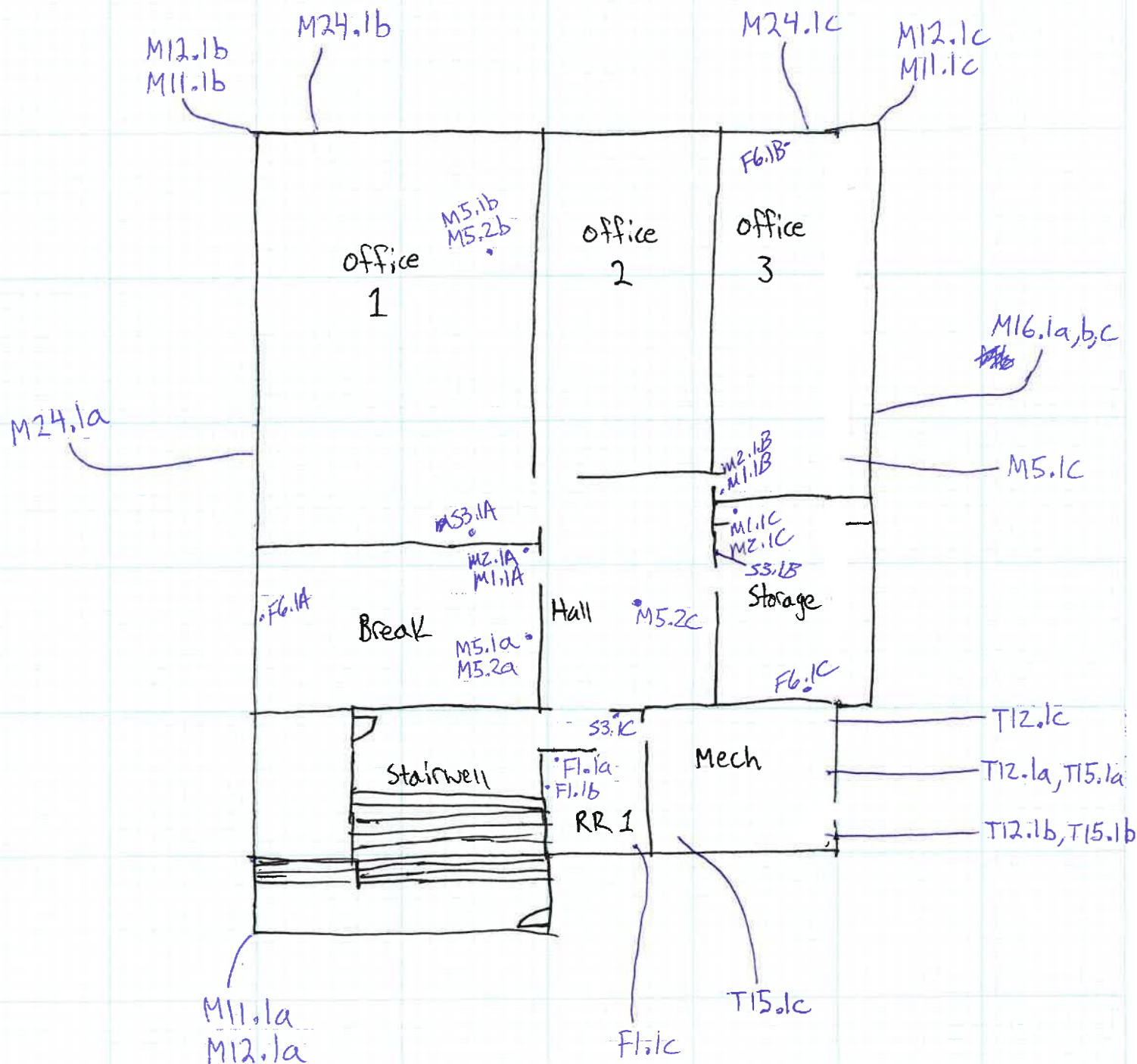
### **SAMPLE LOCATIONS SKETCH**

1400 8th Ave.

Semi-Basement

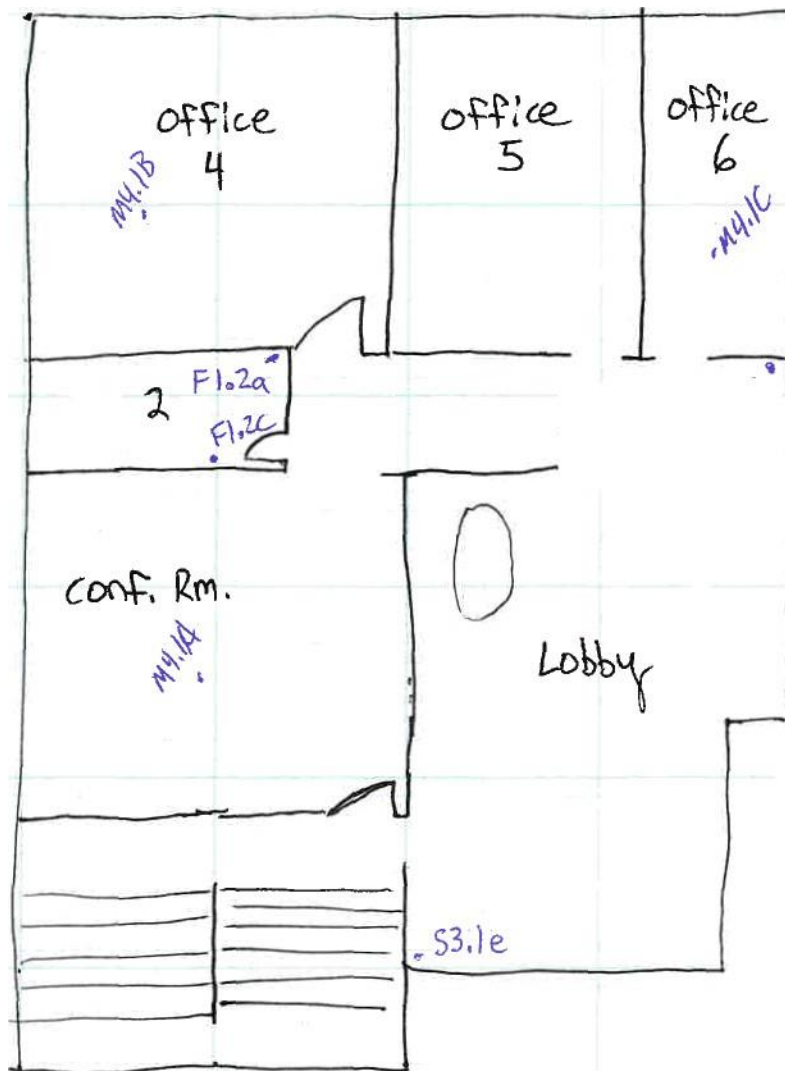
Basement

N↑





CLIENT: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_  
PROJECT: ... **See Page 1** ... DATE: \_\_\_\_\_  
DESCRIPTION: \_\_\_\_\_ PROJECT No: \_\_\_\_\_  
PREPARED BY: \_\_\_\_\_ CHECKED B: \_\_\_\_\_



CLIENT: A/E

PROJECT: MT Heritage - GSD Buildings

DESCRIPTION: Sample Locations

PREPARED BY: Michael Kelly

SHEET 1 OF 2

DATE: 1/22/20 and 1/23/20

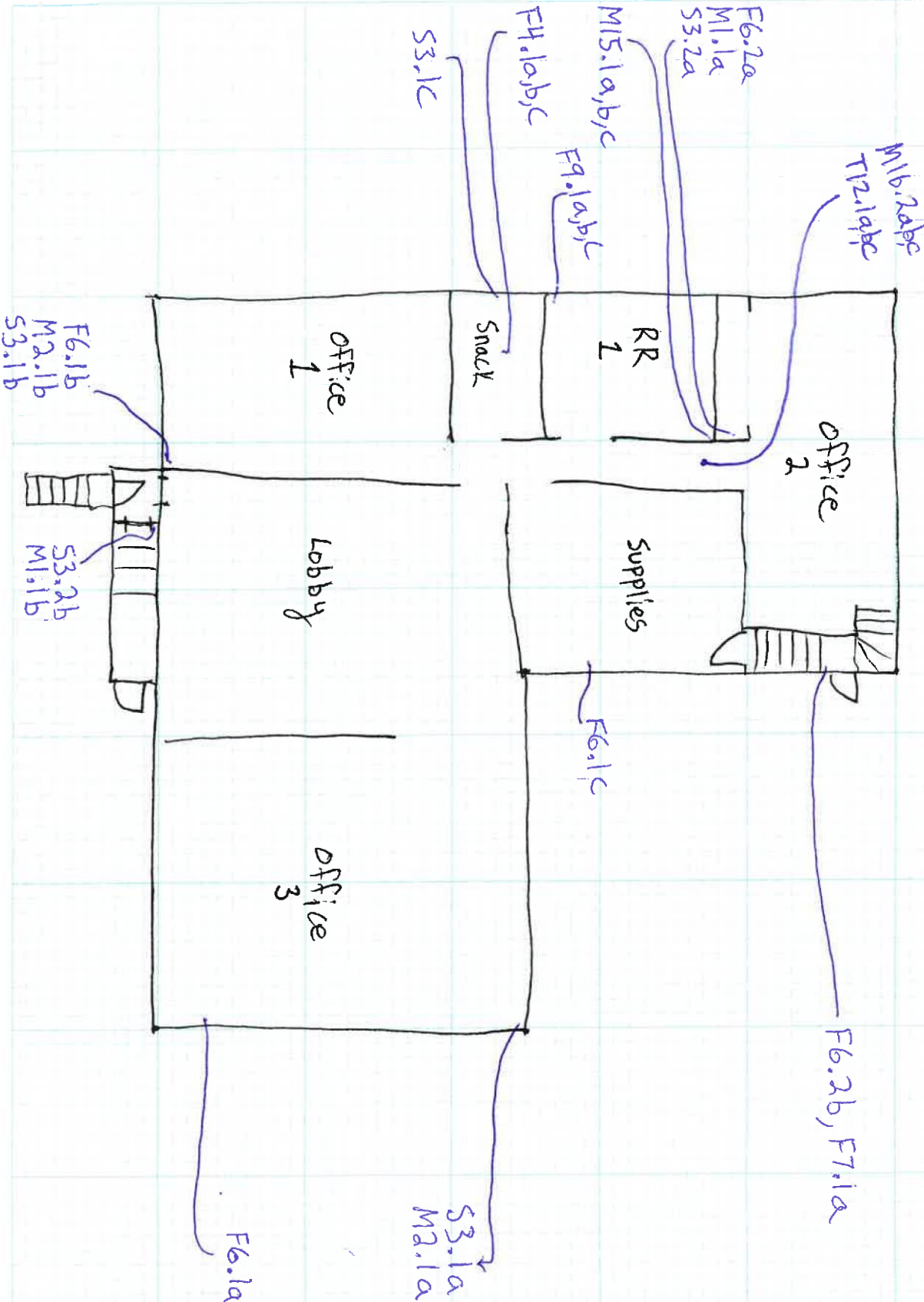
PROJECT No: 350.0493.000

CHECKED BY:

↑ N

1404 8th Ave.  
2nd Floor

No ground contact floor

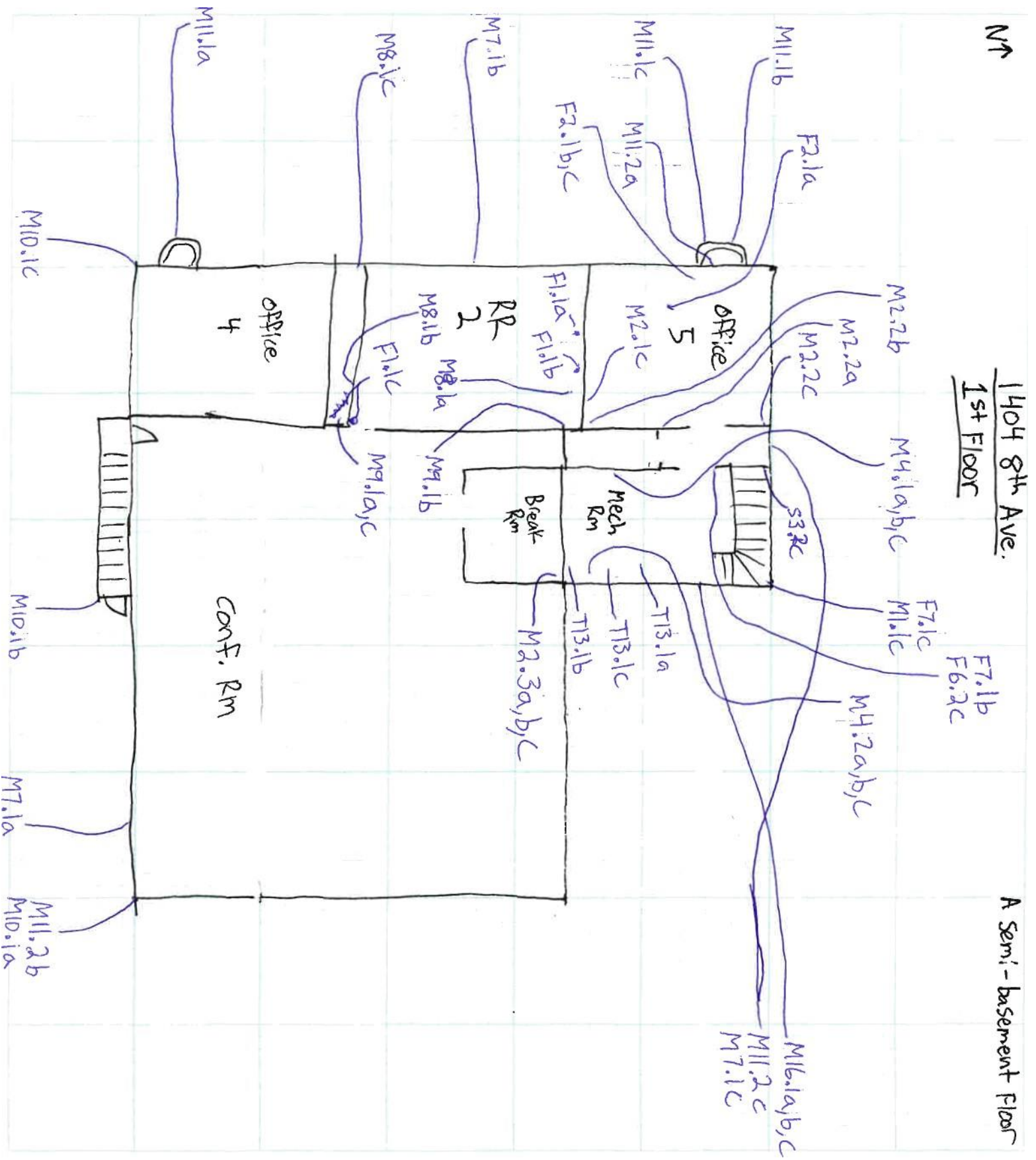


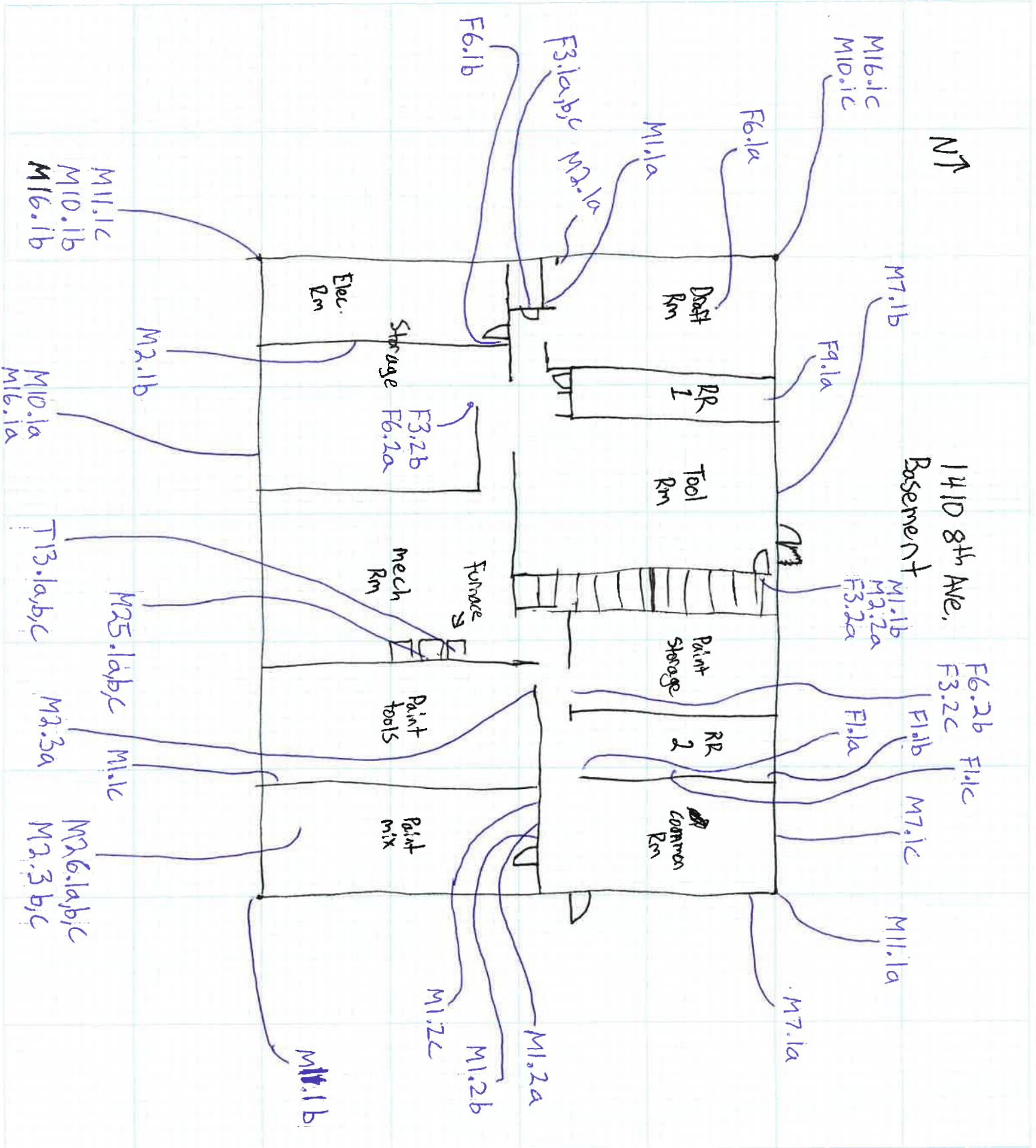


PREPARED Bx: \_\_\_\_\_ CHECKED Bx: \_\_\_\_\_

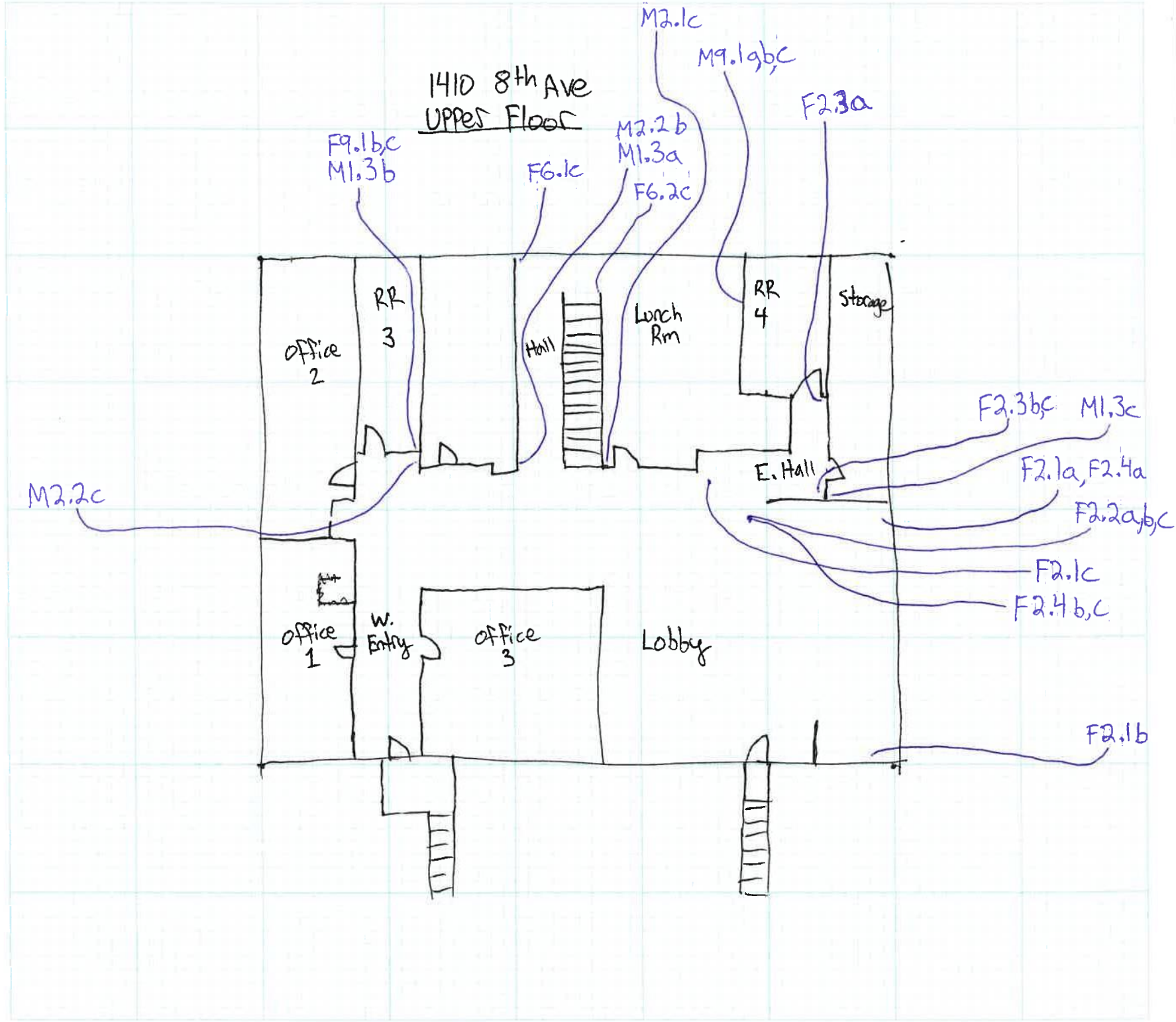
→

A Semi-basement Floor



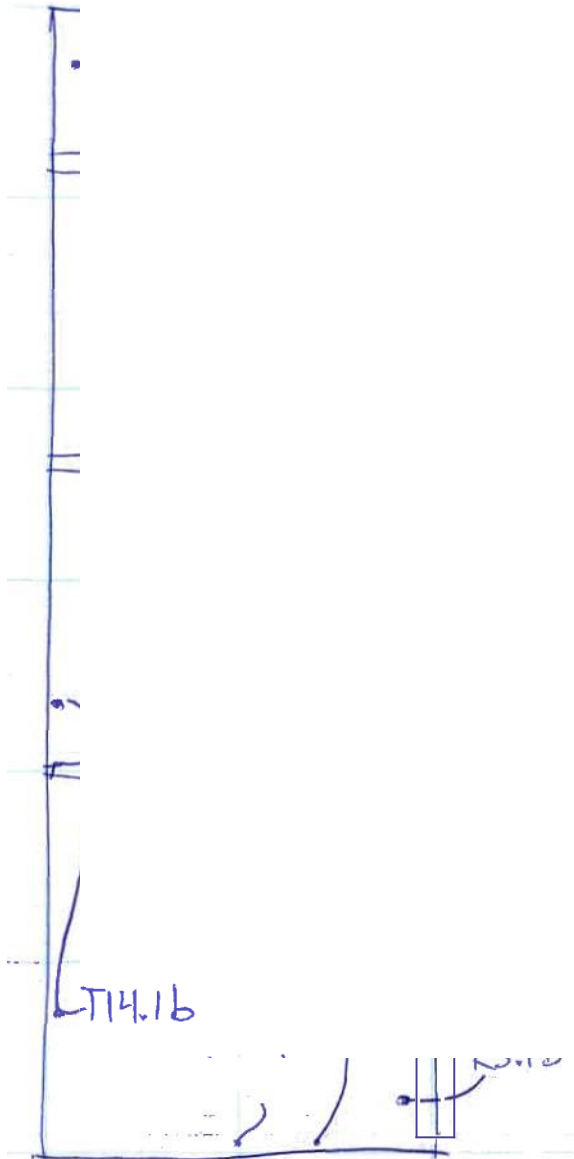






GSD Grounds Shop

(Woodshop)



P3.1c

